

Search Overview

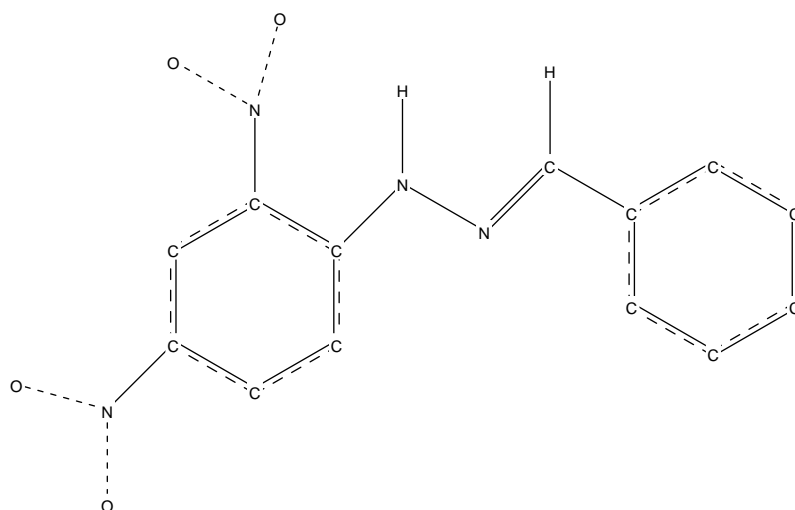
Search: search1
Date/Time done: Mon May 06 11:18:27 2019
Database(s): CSD version 5.40 updates (Feb 2019)
CSD version 5.40 (November 2018)
Restriction Info: No refcode restrictions applied
Filters: None
Percentage Completed: 100%
Number of Hits: 71

Single query used. Search found structures that:

match

Query 1

Query 1



Search: search1 (Mon May 06 11:18:27 2019): Hits 1-4

DILWUT

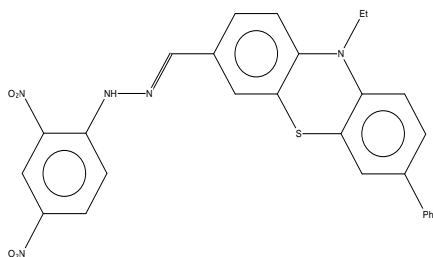
Reference: T.Sachdeva, S.Bishnoi, M.D.Milton (2017) *Chem. Sel.* ,2, 11307

Formula: C₂₇ H₂₁ N₅ O₄ S₁

Compound Name: 3-[(2-(2,4-dinitrophenyl)hydrazinylidene)methyl]-10-ethyl-7-phenyl-10H-phenothiazine

Space Group: P-1 **Cell:** *a* 7.807(2) *b* 11.146(4) *c* 14.314(4)
Space Group No.: 2 (*A*, °) α 93.92(3) β 100.45(2) γ 100.77(3)

R-Factor (%): 8.81 **Temperature(K):** 298 **Density(g/cm³):** 1.420



Parameters
 Fragment 1
ANG1 (A) 11.226
DIST1 (D) 1.994

ACEMUR

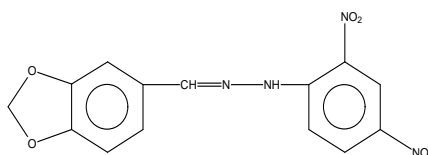
Reference: J.-L.Wang, Y.-J.Jia (2004) *Pol.J.Chem.* ,78,869

Formula: C₁₄ H₁₀ N₄ O₆

Compound Name: 3,4-(Methylenedioxy)benzaldehyde 2,4-dinitrophenylhydrazone

Space Group: P21/c **Cell:** *a* 6.606(1) *b* 14.354(4) *c* 14.549(4)
Space Group No.: 14 (*A*, °) α 90.00 β 95.25(0) γ 90.00

R-Factor (%): 4.94 **Temperature(K):** 293 **Density(g/cm³):** 1.597



Parameters
 Fragment 1
ANG1 (A) 0.772
DIST1 (D) 2.040

ADENON

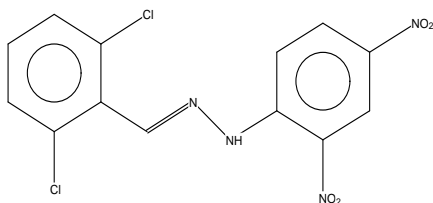
Reference: Wen-Zhong Ge, Feng Li (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o2888

Formula: C₁₃ H₈ Cl₂ N₄ O₄

Compound Name: 2,6-dichlorobenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: P21/c **Cell:** *a* 12.375(2) *b* 7.928(1) *c* 14.977(2)
Space Group No.: 14 (*A*, °) α 90.00 β 101.59(0) γ 90.00

R-Factor (%): 3.32 **Temperature(K):** 298 **Density(g/cm³):** 1.639



Parameters
 Fragment 1
ANG1 (A) 3.385
DIST1 (D) 2.007

ADEXIR

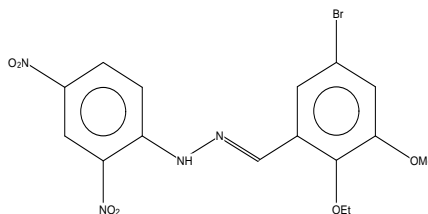
Reference: Yun Yang, Shu-Lin Ma, Lan-Li Lu, Xiao-Qing Yang (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o3064

Formula: C₁₆ H₁₅ Br₁ N₄ O₆.C₃ H₇ N₁ O₁

Compound Name: (E)-1-(5-Bromo-2-ethoxy-3-methoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine dimethylformamide solvate

Space Group: P-1 **Cell:** *a* 8.521(2) *b* 11.698(3) *c* 13.135(4)
Space Group No.: 2 (*A*, °) α 64.89(0) β 73.48(0) γ 80.84(0)

R-Factor (%): 4.00 **Temperature(K):** 294 **Density(g/cm³):** 1.498



OHC—NMe₂

Parameters
 Fragment 1
ANG1 (A) 5.317
DIST1 (D) 2.051

Search: search1 (Mon May 06 11:18:27 2019): Hits 5-8

AFUSEB

Reference: H.-K.Fun, S.Chantrapromma, B.Nilwanna, T.Kobkeatthawin, N.Boonnak (2013)
Acta Crystallogr., Sect. E: Struct. Rep. Online, **69**, o1203

Formula: C₁₆H₁₆N₄O₇

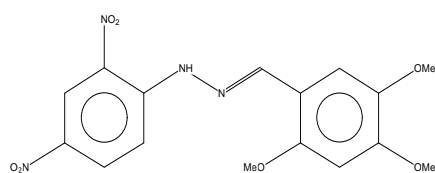
Compound Name: 1-(2,4-Dinitrophenyl)-2-[(E)-2,4,5-trimethoxybenzylidene]hydrazine

Space Group: P21/c **Cell:** a 8.027(1) b 15.048(2) c 13.686(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 101.55(0) γ 90.00

R-Factor (%): 5.51 **Temperature(K):** 100 **Density(g/cm³):** 1.543

Parameters

Fragment 1
ANG1 (A) 3.146
DIST1 (D) 2.040



BAFGUL

Reference: B. Szczesna, Z.Urbanczyk-Lipkowska (2002)
New J.Chem., **26**,243

Formula: C₁₃H₁₀N₄O₅

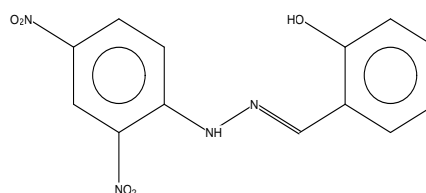
Compound Name: 2-[(2,4-Dinitrophenyl)hydrazonomethyl]phenol

Space Group: P21/n **Cell:** a 13.767(0) b 4.353(0) c 21.118(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.41(0) γ 90.00

R-Factor (%): 4.78 **Temperature(K):** 200 **Density(g/cm³):** 1.586

Parameters

Fragment 1
ANG1 (A) 3.793
DIST1 (D) 3.852



BAFGUL01

Reference: H.H.Monfared, O.Pouralimardan, C.Janiak (2007)
Z.Naturforsch., B:Chem.Sci., **62**,717

Formula: C₁₃H₁₀N₄O₅

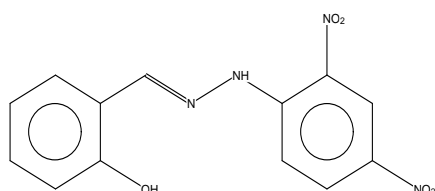
Compound Name: Salicylaldehyde 2,4-dinitrophenylhydrazone

Space Group: P21/c **Cell:** a 13.820(3) b 4.352(0) c 25.159(7)
Space Group No.: 14 **(Å, °)** α 90.00 β 123.01(2) γ 90.00

R-Factor (%): 4.56 **Temperature(K):** 293 **Density(g/cm³):** 1.582

Parameters

Fragment 1
ANG1 (A) 3.490
DIST1 (D) 3.814



BAFHAS

Reference: B. Szczesna, Z.Urbanczyk-Lipkowska (2002)
New J.Chem., **26**,243

Formula: C₁₃H₁₀N₄O₅

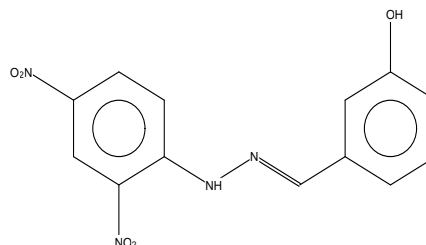
Compound Name: 3-[(2,4-Dinitrophenyl)hydrazonomethyl]phenol

Space Group: P21/n **Cell:** a 9.790(1) b 14.035(1) c 9.823(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 101.32(3) γ 90.00

R-Factor (%): 5.43 **Temperature(K):** 293 **Density(g/cm³):** 1.517

Parameters

Fragment 1
ANG1 (A) 7.783
DIST1 (D) 1.939



Search: search1 (Mon May 06 11:18:27 2019): Hits 9-12

BAFHEW

Reference: B.Szczesna, Z.Urbanczyk-Lipkowska (2002)
New J.Chem. ,26,243

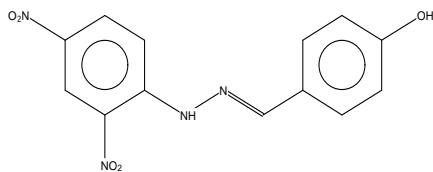
Formula: C₁₃ H₁₀ N₄ O₅

Compound Name: 4-((2,4-Dinitrophenyl)hydrazonomethyl)phenol

Space Group: P21/n **Cell:** a 8.430(0) b 6.186(0) c 24.715(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 91.49(1) γ 90.00

R-Factor (%): 5.71 **Temperature(K):** 293 **Density(g/cm³):** 1.558

Parameters
Fragment 1
ANG1 (A) 1.914
DIST1 (D) 1.901



BAFHIA

Reference: B.Szczesna, Z.Urbanczyk-Lipkowska (2002)
New J.Chem. ,26,243

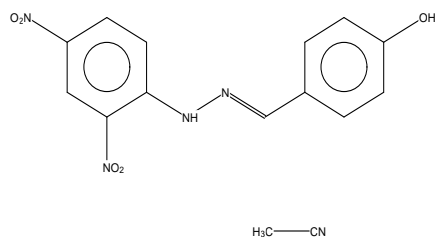
Formula: C₁₃ H₁₀ N₄ O₅·0.5(C₂ H₃ N₁)

Compound Name: 4-((2,4-Dinitrophenyl)hydrazonomethyl)-phenol acetonitrile solvate

Space Group: C2/c **Cell:** a 12.002(2) b 9.175(2) c 27.266(5)
Space Group No.: 15 **(Å, °)** α 90.00 β 102.15(3) γ 90.00

R-Factor (%): 4.67 **Temperature(K):** 293 **Density(g/cm³):** 1.461

Parameters
Fragment 1
ANG1 (A) 2.051
DIST1 (D) 1.990



BUWXUO

Reference: M.Kumaravel, J.T.Mague, M.S.Balakrishna (2015)
CSD Communication(Private Communication) ,

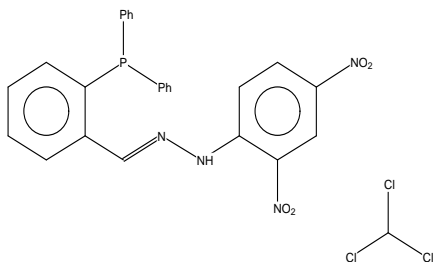
Formula: C₂₅ H₁₉ N₄ O₄ P₁·C₁ H₁ Cl₃

Compound Name: (E)-1-(2,4-dinitrophenyl)-2-(2-(diphenylphosphino)benzylidene)hydrazine chloroform solvate

Space Group: P21/n **Cell:** a 8.019(0) b 11.068(0) c 29.412(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.80(0) γ 90.00

R-Factor (%): 3.90 **Temperature(K):** 150 **Density(g/cm³):** 1.501

Parameters
Fragment 1
ANG1 (A) 15.084
DIST1 (D) 1.971



BUWYAV

Reference: M.Kumaravel, J.T.Mague, M.S.Balakrishna (2015)
CSD Communication(Private Communication) ,

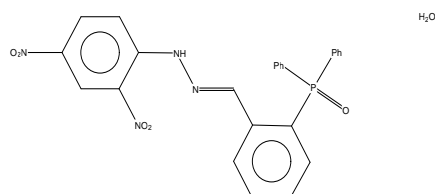
Formula: C₂₅ H₁₉ N₄ O₅ P₁·H₂ O₁

Compound Name: 1-(2,4-dinitrophenyl)-2-(2-(diphenylphosphoryl)benzylidene)hydrazine monohydrate

Space Group: P-1 **Cell:** a 8.646(0) b 10.765(0) c 12.857(0)
Space Group No.: 2 **(Å, °)** α 100.74(0) β 93.50(0) γ 103.16(0)

R-Factor (%): 3.79 **Temperature(K):** 150 **Density(g/cm³):** 1.472

Parameters
Fragment 1
ANG1 (A) 4.676
DIST1 (D) 1.994



Search: search1 (Mon May 06 11:18:27 2019): Hits 13-16

DADQIJ

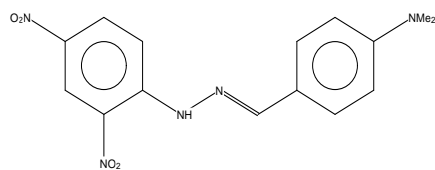
Reference: Jin-Ling Wang, Yong-Jin Jia, Fang-Ming Miao, Ai-Xiu Li (2004) *Youji Huaxue(Chin.)(Chin.J.Org.Chem.)*, **24**,46

Formula: C₁₅H₁₅N₅O₄

Compound Name: 4-(Dimethylamino)benzaldehyde (2,4-dinitrophenyl)hydrazone

Space Group: C2/c **Cell:** a 11.243(6) b 10.526(5) c 26.029(9)
Space Group No.: 15 **(Å, °)** α 90.00 β 96.22(0) γ 90.00

R-Factor (%): 5.84 **Temperature(K):** 293 **Density(g/cm³):** 1.429



Parameters
 Fragment 1
 ANG1 (A) 1.215
 DIST1 (D) 1.991

DAYSIG

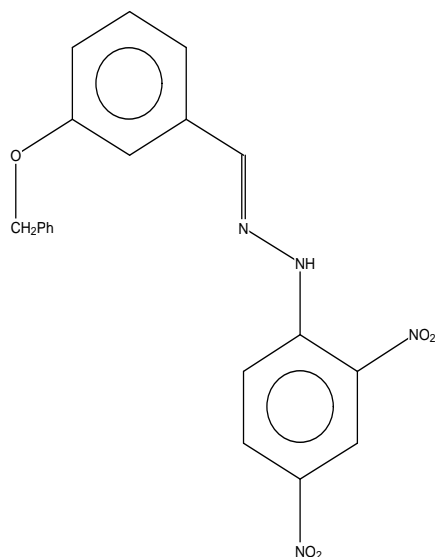
Reference: Jun Shi (2005) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **61**,o4018

Formula: C₂₀H₁₆N₄O₅

Compound Name: (E)-1-(3-(Benzyloxy)benzylidene)-2-(2,4-dinitrophenyl)hydrazine

Space Group: P-1 **Cell:** a 5.929(1) b 7.651(2) c 20.087(6)
Space Group No.: 2 **(Å, °)** α 96.71(0) β 93.77(0) γ 90.11(0)

R-Factor (%): 4.24 **Temperature(K):** 294 **Density(g/cm³):** 1.443



Parameters
 Fragment 1
 ANG1 (A) 5.033
 DIST1 (D) 2.011

DAYSOM

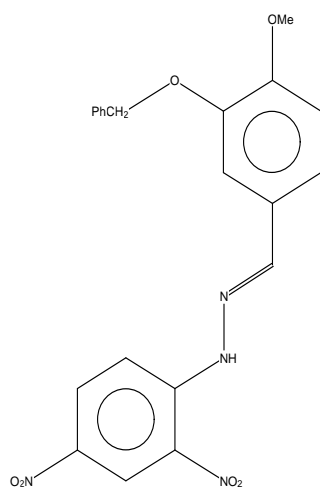
Reference: Jun Shi (2005) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **61**,o4020

Formula: C₂₁H₁₈N₄O₆·C₂H₃N₁

Compound Name: (E)-1-(3-(Benzyloxy)-4-methoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine acetonitrile solvate

Space Group: P-1 **Cell:** a 7.945(3) b 12.253(5) c 12.549(5)
Space Group No.: 2 **(Å, °)** α 67.62(0) β 84.79(0) γ 87.73(0)

R-Factor (%): 5.09 **Temperature(K):** 293 **Density(g/cm³):** 1.368



Parameters
 Fragment 1
 ANG1 (A) 2.953
 DIST1 (D) 2.018

DAYWIK

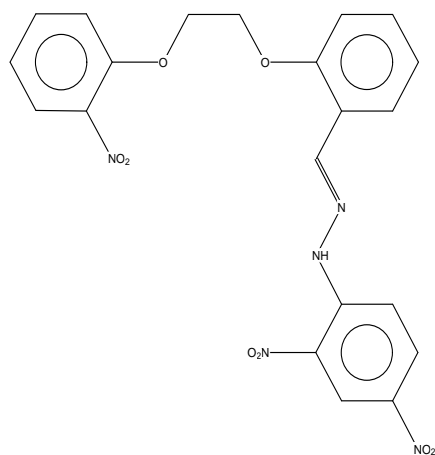
Reference: Chun-Hua Diao, Zhi Fan, Ming Yu, Xin Chen, Zuo-Liang Jing (2005) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **61**,o4177

Formula: C₂₁H₁₇N₅O₈

Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(2-(2-(2-nitrophenoxy)ethoxy)benzylidene)hydrazine

Space Group: P-1 **Cell:** a 7.953(3) b 11.686(5) c 12.524(5)
Space Group No.: 2 **(Å, °)** α 65.11(0) β 87.46(0) γ 86.98(0)

R-Factor (%): 5.05 **Temperature(K):** 294 **Density(g/cm³):** 1.473



Parameters
 Fragment 1
 ANG1 (A) 2.921
 DIST1 (D) 1.989

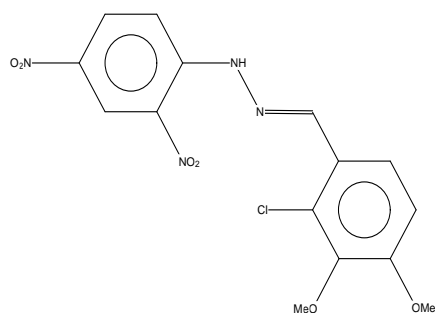
Search: search1 (Mon May 06 11:18:27 2019): Hits 17-20

ENIRAU

Reference: Shang Shan, Wei-Rong Chen, Wei-Xiao Hu, Duan-Jun Xu (2003) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,59,o1723
Formula: C₁₅ H₁₃ Cl₁ N₄ O₆
Compound Name: 2-Chloro-3,4-dimethoxybenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: P21/c **Cell:** a 7.825(1) b 16.145(1) c 13.215(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 101.51(1) γ 90.00
R-Factor (%): 4.50 **Temperature(K):** 293 **Density(g/cm³):** 1.546

Parameters
Fragment 1
ANG1 (A) 6.366
DIST1 (D) 1.990



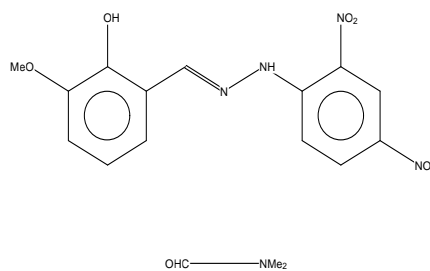
FAYDAL

Reference: Zuo-Liang Jing, Ming Yu, Xin Chen, Chun-Hua Diao, Qi-Liang Deng, Zhi Fan (2005) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,61,o145

Formula: C₁₄ H₁₂ N₄ O₆·C₃ H₇ N₁ O₁
Compound Name: 2-Hydroxy-3-methoxybenzaldehyde 2,4-dinitrophenylhydrazone dimethylformamide solvate

Space Group: P-1 **Cell:** a 7.015(4) b 7.759(4) c 18.638(9)
Space Group No.: 2 **(Å, °)** α 89.46(0) β 84.37(0) γ 68.35(0)
R-Factor (%): 5.55 **Temperature(K):** 293 **Density(g/cm³):** 1.435

Parameters
Fragment 1
ANG1 (A) 3.302
DIST1 (D) 1.996



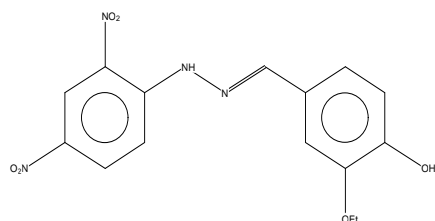
FIZFOL

Reference: H.-K.Fun, S.Chantrapomma, P.Ruanwas, T.Kobkeathawin, C.S.Chidan Kumar (2014) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,70,o89

Formula: C₁₅ H₁₄ N₄ O₆
Compound Name: (E)-1-(2,4-dinitrophenyl)-2-(3-ethoxy-4-hydroxybenzylidene)hydrazine

Space Group: P21/c **Cell:** a 10.245(4) b 13.679(5) c 14.184(5)
Space Group No.: 14 **(Å, °)** α 90.00 β 129.15(2) γ 90.00
R-Factor (%): 4.73 **Temperature(K):** 298 **Density(g/cm³):** 1.492

Parameters
Fragment 1
ANG1 (A) 2.247
DIST1 (D) 2.007



GAFTOZ

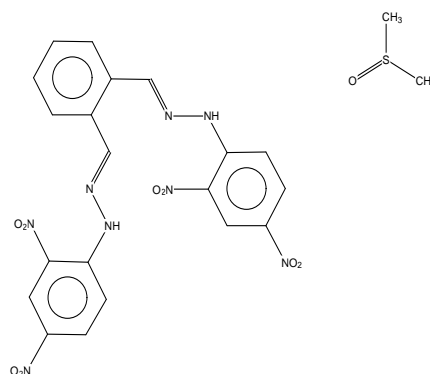
Reference: P.R.Sahoo, P.Mishra, P.Agarwal, N.Gupta, S.Kumar (2016) *J.Inclusion Phenom.Macrocyclic Chem.* ,84,163

Formula: C₂₀ H₁₄ N₈ O₈·2(C₂ H₆ O₁ S₁)
Compound Name: 1,1'-(1,2-phenylenedimethylidene)bis(2-(2,4-dinitrophenyl)hydrazine) dimethyl sulfoxide solvate

Space Group: P21/c **Cell:** a 7.613(0) b 23.924(1) c 16.386(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.06(0) γ 90.00
R-Factor (%): 9.42 **Temperature(K):** 293 **Density(g/cm³):** 1.454

Parameters
Fragment 1
ANG1 (A) 12.146
DIST1 (D) 3.795

Fragment 2
ANG1 (A) 13.387
DIST1 (D) 3.841



Search: search1 (Mon May 06 11:18:27 2019): Hits 21-24

GEPPOH

Reference: Jun Shi (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **62**, o4601

Formula: C₁₆ H₁₆ N₄ O₆ C₃ H₇ N₁ O₁

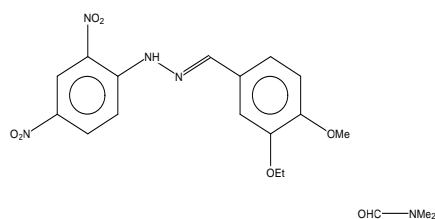
Compound Name: (E)-1-(3-ethoxy-4-methoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine N, N-dimethylformamide solvate

Space Group: P21/c **Cell:** a 10.306(5) b 9.612(4) c 21.152(10)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.38(0) γ 90.00

R-Factor (%): 4.32 **Temperature(K):** 294 **Density(g/cm³):** 1.374

Parameters

Fragment 1
ANG1 (A) 3.469
DIST1 (D) 2.006



GISJAV

Reference: S.Chantrapromma, P.Ruanwas, N.Boonnak, C.S.Chidan Kumar, H.-K.Fun (2014) *Acta Crystallogr., Sect. E: Struct. Rep. Online* **70**, o188

Formula: C₁₆ H₁₆ N₄ O₇

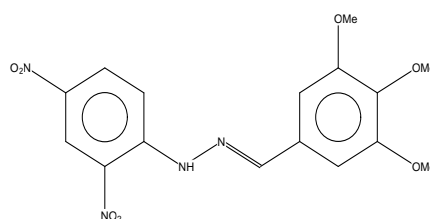
Compound Name: 1-(2,4-Dinitrophenyl)-2-[(E)-(3,4,5-trimethoxybenzylidene)hydrazine]

Space Group: P212121 **Cell:** a 7.472(0) b 14.311(0) c 16.155(0)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.76 **Temperature(K):** 100 **Density(g/cm³):** 1.447

Parameters

Fragment 1
ANG1 (A) 5.495
DIST1 (D) 2.035



HARGOZ

Reference: Yong-Feng Cheng, Xiao-Yang Dong, Qiang-Shuai Gu, Zhang-Long Yu, Xin-Yuan Liu (2017) *Angew.Chem., Int.Ed.* **56**, 8883

Formula: C₂₃ H₂₃ F₃ N₄ O₅

Compound Name: 1-(2,4-dinitrophenyl)-2-((3-[3-(2,2,2-trifluoroethyl)-2-oxaspiro[4.4]nonan-3-yl]phenyl)methylidene)hydrazine

Space Group: P1 **Cell:** a 8.490(0) b 15.629(0) c 17.579(0)
Space Group No.: 1 **(Å, °)** α 80.24(0) β 82.52(0) γ 87.46(0)

R-Factor (%): 8.40 **Temperature(K):** 180 **Density(g/cm³):** 1.435

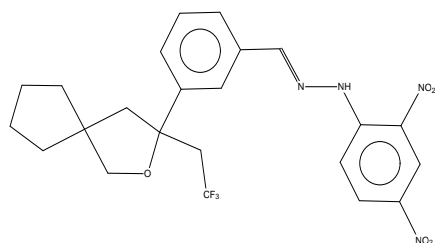
Parameters

Fragment 1
ANG1 (A) 10.142
DIST1 (D) 2.001

Fragment 2
ANG1 (A) 6.802
DIST1 (D) 2.021

Fragment 3
ANG1 (A) 8.478
DIST1 (D) 2.000

Fragment 4
ANG1 (A) 6.828
DIST1 (D) 2.001



HIBCEB

Reference: D.Oehlich, S.M.E.Vidot, M.W.Davies, G.J.Clarkson, M.Shipman (2007) *Tetrahedron* **63**, 4703

Formula: C₃₇ H₄₆ N₄ O₁₀ C₂ H₆ O₁

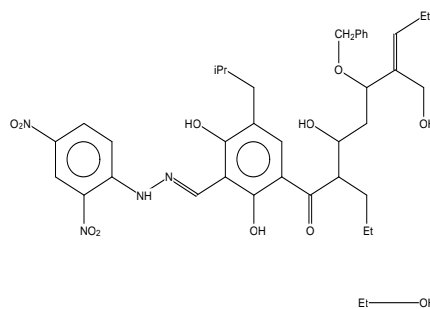
Compound Name: (2S,3R,5R,6E)-5-benzyloxy-1-(3-(2,4-dinitrophenyl)hydrazonomethyl)-2,4-dihydroxy-5-isobutylphenyl)-3-hydroxy-6-(hydroxymethyl)-2-propyl-non-6-en-1-one ethanol solvate

Space Group: P-1 **Cell:** a 12.374(1) b 13.168(1) c 13.241(1)
Space Group No.: 2 **(Å, °)** α 83.47(0) β 71.59(0) γ 84.49(0)

R-Factor (%): 5.62 **Temperature(K):** 220 **Density(g/cm³):** 1.232

Parameters

Fragment 1
ANG1 (A) 10.684
DIST1 (D) 1.976



Search: search1 (Mon May 06 11:18:27 2019): Hits 25-28

HUTHOV

Reference: P.Ghosh, N.Kumar, S.K.Mukhopadhyay, P.Banerjee (2016) *Sens.Actuators,B* ,224,899

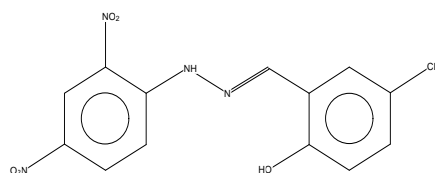
Formula: C₁₃ H₉ Cl₁ N₄ O₅

Compound Name: 4-chloro-2-(((2,4-dinitrophenyl)hydrazono)methyl)phenol

Space Group: P21/c **Cell:** a 9.717(0) b 6.057(0) c 23.510(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.04(0) γ 90.00

R-Factor (%): 3.06 **Temperature(K):** 293 **Density(g/cm³):** 1.636

Parameters
Fragment 1
ANG1 (A) 3.404
DIST1 (D) 3.803



HUTHUB

Reference: P.Ghosh, N.Kumar, S.K.Mukhopadhyay, P.Banerjee (2016) *Sens.Actuators,B* ,224,899

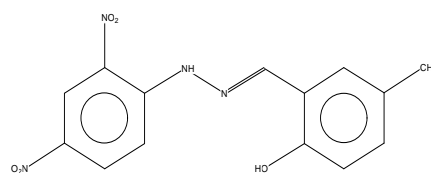
Formula: C₁₄ H₁₂ N₄ O₅

Compound Name: 2-(((2,4-dinitrophenyl)hydrazono)methyl)-4-methylphenol

Space Group: P21/n **Cell:** a 14.016(11) b 4.489(3) c 21.970(17)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.23(3) γ 90.00

R-Factor (%): 5.46 **Temperature(K):** 293 **Density(g/cm³):** 1.524

Parameters
Fragment 1
ANG1 (A) 6.473
DIST1 (D) 1.996



IDOGAL

Reference: J.de A.e Silva, C.Yuste-Vivas, A.J.F.N.Sobral, M.R.Silva (2013) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,69,o705

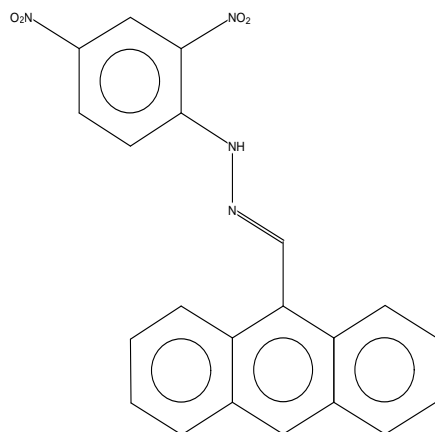
Formula: C₂₁ H₁₄ N₄ O₄

Compound Name: 1-[(E)-Anthracen-9-ylmethylidene]-2-(2,4-dinitrophenyl)hydrazine

Space Group: P212121 **Cell:** a 5.636(0) b 8.160(0) c 36.794(2)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 7.38 **Temperature(K):** 293 **Density(g/cm³):** 1.517

Parameters
Fragment 1
ANG1 (A) 1.479
DIST1 (D) 3.829



IGARUE

Reference: Zhi-Qiang Shi, Ning-Ning Ji, Xiao-Yan Li (2008) *Acta Crystallogr.,Sect.E:Struct.Rep.Online* ,64,o2135

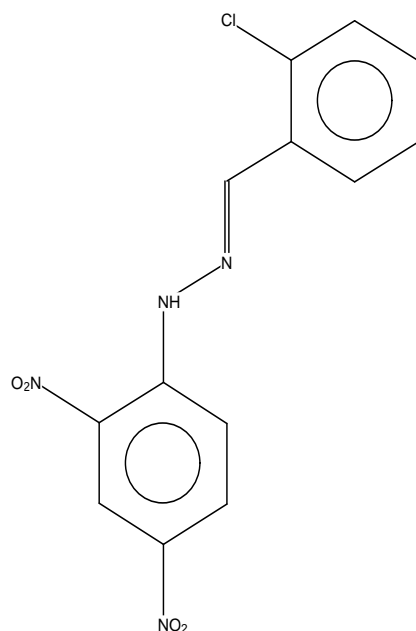
Formula: C₁₃ H₉ Cl₁ N₄ O₄

Compound Name: 1-(2-Chlorobenzylidene)-2-(2,4-dinitrophenyl)hydrazine

Space Group: P-1 **Cell:** a 7.229(0) b 7.660(0) c 25.145(2)
Space Group No.: 2 **(Å, °)** α 95.69(0) β 93.03(0) γ 99.73(0)

R-Factor (%): 4.51 **Temperature(K):** 293 **Density(g/cm³):** 1.564

Parameters
Fragment 1
ANG1 (A) 3.099
DIST1 (D) 3.827
Fragment 2
ANG1 (A) 3.415
DIST1 (D) 2.000



Search: search1 (Mon May 06 11:18:27 2019): Hits 29-32

INOBOC

Reference: R.G.Baughman, K.L.Martin, R.K.Singh, J.O.Stoffer (2004) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.* ,**60**,o103

Formula: C₁₃ H₁₀ N₄ O₆ C₃ H₇ N₁ O₁

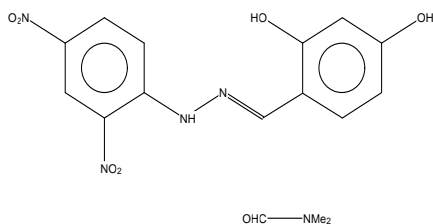
Compound Name: 2,4-Dihydroxybenzaldehyde 2,4-dinitrophenylhydrazone N,N-dimethylformamide solvate

Synonym: 4-((2,4-Dinitrophenyl)hydrazonomethyl)benzene-1,3-diol N,N-dimethylformamide solvate

Space Group: P21/c **Cell:** a 19.697(4) b 7.152(1) c 12.949(3)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 100.34(2) γ 90.00

R-Factor (%): 5.10 **Temperature(K):** 293 **Density(g/cm³):** 1.448

Parameters
 Fragment 1
ANG1 (A) 4.106
DIST1 (D) 1.958



JAHPUJ

Reference: A.Franken, M.J.Carr, W.Clegg, C.A.Kilner, J.D.Kennedy (2004) *Dalton Trans.* ,3552

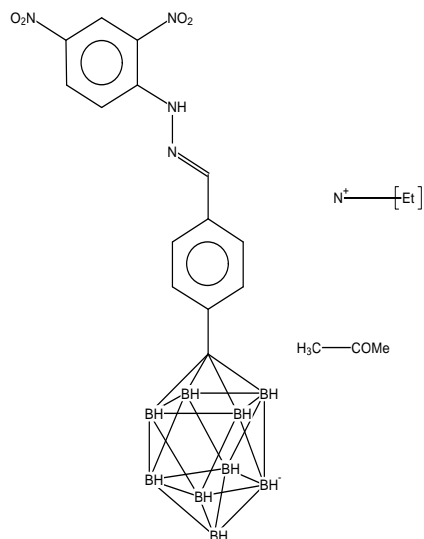
Formula: C₁₄ H₁₈ B₉ N₄ O₄ 1⁻; C₈ H₂₀ N₁ 1⁺; C₃ H₆ O₁

Compound Name: Tetraethylammonium 1-(4-(2,4-dinitrophenyl)hydrazonomethyl)phenyl)-1-carba-closo-decaborate(9) acetone solvate

Space Group: P21/n **Cell:** a 12.514(0) b 20.974(0) c 13.244(0)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 99.61(0) γ 90.00

R-Factor (%): 8.10 **Temperature(K):** 173 **Density(g/cm³):** 1.147

Parameters
 Fragment 1
ANG1 (A) 11.559
DIST1 (D) 1.872



KABCOH

Reference: Lin-xiu Zhao, Gang-shen Li (2010) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,**66**,o2644

Formula: C₁₅ H₁₄ N₄ O₇ C₃ H₇ N₁ O₁ 0.5(H₂O)₁

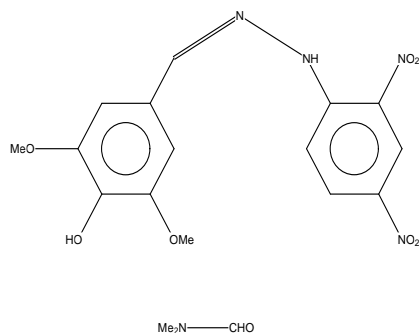
Compound Name: 4-hydroxy-3,5-dimethoxybenzaldehyde (2,4-dinitrophenyl)hydrazone N,N-dimethylformamide solvate hemihydrate

Synonym: 4-(2,4-dinitrobenzenecarbohydrazono-yl)-2,6-dimethoxyphenol N,N-dimethylformamide solvate hemihydrate

Space Group: P-1 **Cell:** a 12.208(2) b 13.931(2) c 14.537(2)
Space Group No.: 2 **Cell:** (Å, °) α 62.41(1) β 74.41(1) γ 72.17(1)

R-Factor (%): 3.49 **Temperature(K):** 293 **Density(g/cm³):** 1.431

Parameters
 Fragment 1
ANG1 (A) 6.056
DIST1 (D) 2.047
 Fragment 2
ANG1 (A) 7.744
DIST1 (D) 2.056



KEQRAA

Reference: Xin Chen, Ming Yu (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,**62**,o4466

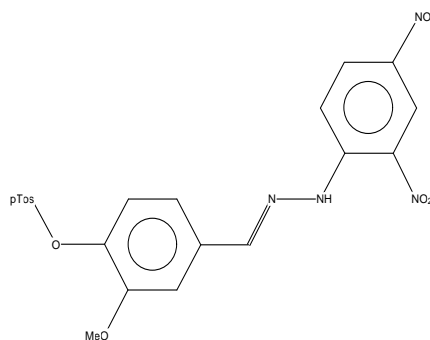
Formula: C₂₁ H₁₈ N₄ O₈ S₁

Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(3-methoxy-4-(p-tolylsulfonyloxy)benzylidene)hydrazine

Space Group: P-1 **Cell:** a 7.642(1) b 9.533(2) c 15.727(4)
Space Group No.: 2 **Cell:** (Å, °) α 105.32(0) β 96.56(0) γ 95.35(0)

R-Factor (%): 4.81 **Temperature(K):** 294 **Density(g/cm³):** 1.484

Parameters
 Fragment 1
ANG1 (A) 5.072
DIST1 (D) 2.002



H₂O

Search: search1 (Mon May 06 11:18:27 2019): Hits 33-36

KERSIK

Reference: Chun-Hua Diao, Xin Chen (2006) *Acta Crystallogr., Sect.E:Struct.Rep. Online*, **62**,o4896

Formula: C₂₂H₁₈N₆O₁₁

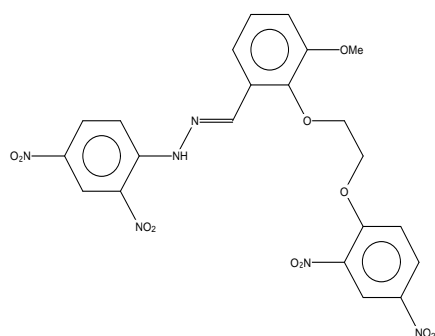
Compound Name: (E)-2-(2-(2,4-dinitrophenoxy)ethoxy)-3-methoxybenzaldehyde 2,4-dinitrophenylhydrazine

Space Group: P-1 **Cell:** a 9.447(2) b 10.286(2) c 13.357(3)
Space Group No.: 2 **(Å,°)** α 68.91(0) β 76.70(0) γ 85.64(0)

R-Factor (%): 4.44 **Temperature(K):** 294 **Density(g/cm³):** 1.529

Parameters

Fragment 1
ANG1 (A) 2.638
DIST1 (D) 3.818



KERTUX

Reference: Jun Shi (2006) *Acta Crystallogr., Sect.E:Struct.Rep. Online*, **62**,o5337

Formula: C₁₇H₁₇Br₁N₄O₆C₃H₇N₁O₁

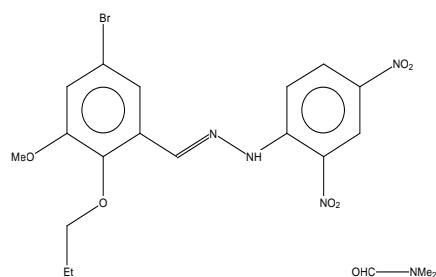
Compound Name: (E)-1-(5-Bromo-3-methoxy-2-propoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine N,N-dimethylformamide solvate

Space Group: P-1 **Cell:** a 8.044(4) b 11.803(6) c 12.735(6)
Space Group No.: 2 **(Å,°)** α 106.82(0) β 94.16(0) γ 94.75(0)

R-Factor (%): 4.15 **Temperature(K):** 294 **Density(g/cm³):** 1.523

Parameters

Fragment 1
ANG1 (A) 4.285
DIST1 (D) 2.028



KOFGAO

Reference: Feng-yu Bao (2008) *Acta Crystallogr., Sect.E:Struct.Rep. Online*, **64**,o1433

Formula: C₁₃H₈Cl₂N₄O₄

Compound Name: 2,4-Dichlorobenzaldehyde 2,4-dinitrophenylhydrazine

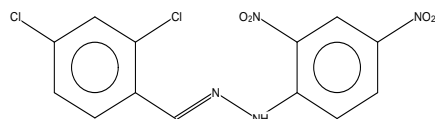
Space Group: P21/c **Cell:** a 13.381(0) b 28.998(1) c 7.400(0)
Space Group No.: 14 **(Å,°)** α 90.00 β 92.42(0) γ 90.00

R-Factor (%): 6.12 **Temperature(K):** 291 **Density(g/cm³):** 1.645

Parameters

Fragment 1
ANG1 (A) 3.721
DIST1 (D) 3.866

Fragment 2
ANG1 (A) 4.395
DIST1 (D) 2.045



LENDAM

Reference: E.Sahin, A.menzek (2017) *CSD Communication(Private Communication)*,

Formula: C₂₀H₁₆N₄O₄

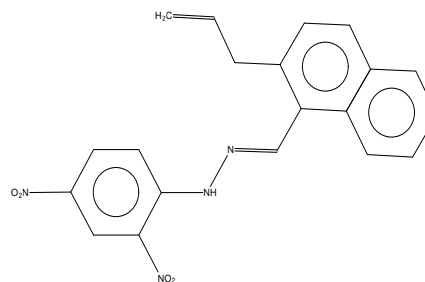
Compound Name: 1-(2,4-dinitrophenyl)-2-[(2-(prop-2-en-1-yl)naphthalen-1-yl)methylidene]hydrazine

Space Group: C2/c **Cell:** a 12.101(1) b 8.405(0) c 34.768(3)
Space Group No.: 15 **(Å,°)** α 90.00 β 95.52(0) γ 90.00

R-Factor (%): 5.64 **Temperature(K):** 293 **Density(g/cm³):** 1.420

Parameters

Fragment 1
ANG1 (A) 3.478
DIST1 (D) 2.008



Search: search1 (Mon May 06 11:18:27 2019): Hits 37-40

LEPSUV

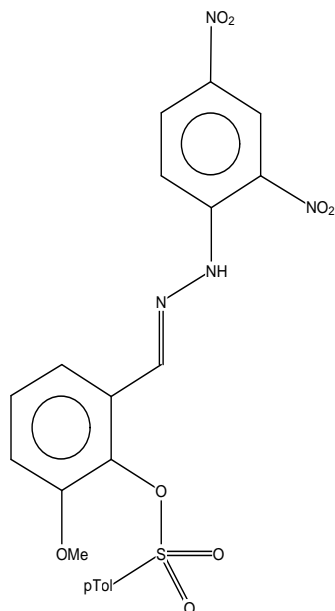
Reference: Xin Chen, Ming Yu (2006)
Acta Crystallogr., Sect.E:Struct.Rep.Online, **62**,o4468

Formula: C₂₁ H₁₈ N₄ O₈ S₁

Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(3-methoxy-2-(p-tolylsulfonyloxy)benzylidene)hydrazine

Space Group: P21/c **Cell:** a 7.983(1) b 16.545(3) c 16.664(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 101.56(0) γ 90.00

R-Factor (%): 4.27 **Temperature(K):** 294 **Density(g/cm³):** 1.498



Parameters
Fragment 1
ANG1 (A) 7.521
DIST1 (D) 2.039

LUKLUY

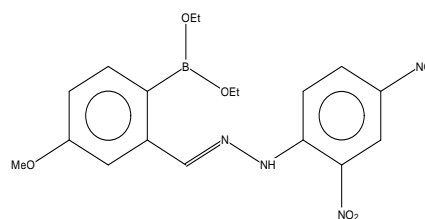
Reference: M.P.Groziak, P.D.Robinson (2002)
Collect.Czech.Chem.Communic., **67**,1084

Formula: C₁₈ H₂₁ B₁ N₄ O₇

Compound Name: Diethyl 2-((2,4-dinitrophenyl)hydrazonomethyl)-4-methoxybenzeneboronate

Space Group: P21/n **Cell:** a 9.443(2) b 15.436(2) c 13.982(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 104.80(1) γ 90.00

R-Factor (%): 5.20 **Temperature(K):** 296 **Density(g/cm³):** 1.403



Parameters
Fragment 1
ANG1 (A) 20.716
DIST1 (D) 2.023

LUKMAF

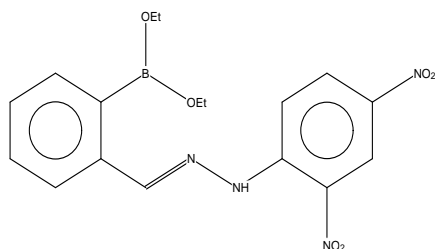
Reference: M.P.Groziak, P.D.Robinson (2002)
Collect.Czech.Chem.Communic., **67**,1084

Formula: C₁₇ H₁₉ B₁ N₄ O₆

Compound Name: Diethyl (2-((2,4-dinitrophenyl)hydrazono)methyl)phenyl)boronate

Space Group: P-1 **Cell:** a 11.194(3) b 12.225(4) c 8.185(1)
Space Group No.: 2 **(Å, °)** α 93.32(2) β 107.33(1) γ 64.68(3)

R-Factor (%): 4.90 **Temperature(K):** 296 **Density(g/cm³):** 1.331



Parameters
Fragment 1
ANG1 (A) 1.494
DIST1 (D) 2.003

MEBCUS

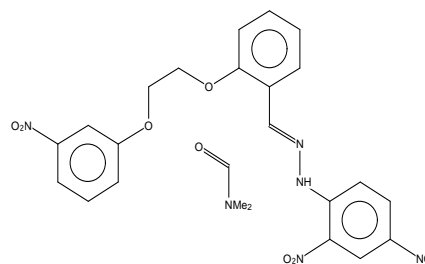
Reference: Chun-Hua Diao, Zhi Fan, Ming Yu, Xin Chen,
Zuo-Liang Jing (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online*, **62**,
o39

Formula: C₂₁ H₁₇ N₅ O₈ C₃ H₇ N₁ O₁

Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(2-(2-(3-nitrophenoxy)ethoxy)benzylidene)hydrazine N,N-dimethylformamide solvate

Space Group: P21/c **Cell:** a 6.981(1) b 25.764(4) c 14.200(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.32(0) γ 90.00

R-Factor (%): 5.23 **Temperature(K):** 294 **Density(g/cm³):** 1.414



Parameters
Fragment 1
ANG1 (A) 4.722
DIST1 (D) 2.011

Search: search1 (Mon May 06 11:18:27 2019): Hits 41-44

MEGVIE

Reference: Zuo-Liang Jing, Jia-Cui Sun, Xin Chen, Yu Ming (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o1202

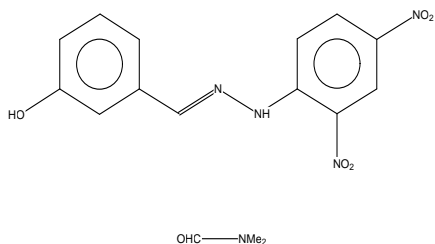
Formula: C₁₃ H₁₀ N₄ O₅ C₃ H₇ N₁ O₁

Compound Name: 3-((2,4-Dinitrophenyl)hydrazonomethyl)phenol dimethylformamide solvate

Space Group: P2/c **Cell:** a 17.701(4) b 7.066(1) c 14.695(4)
Space Group No.: 13 **(Å, °)** α 90.00 β 104.61(0) γ 90.00

R-Factor (%): 3.99 **Temperature(K):** 294 **Density(g/cm³):** 1.402

Parameters
Fragment 1
ANG1 (A) 2.456
DIST1 (D) 2.008



NEKQUK

Reference: Qiao-Zhen Zhang, Yan-Li Zhao, Xin Chen, Ming Yu (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o4668

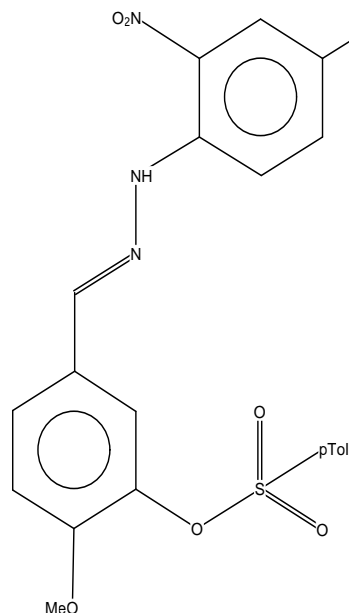
Formula: C₂₁ H₁₈ N₄ O₈ S₁

Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(4-methoxy-3-(4-methylbenzenesulfonyloxy)benzylidene)hydrazine

Space Group: P-1 **Cell:** a 7.365(2) b 12.978(4) c 13.547(4)
Space Group No.: 2 **(Å, °)** α 62.94(0) β 88.90(0) γ 74.84(0)

R-Factor (%): 4.87 **Temperature(K):** 294 **Density(g/cm³):** 1.461

Parameters
Fragment 1
ANG1 (A) 3.735
DIST1 (D) 2.040



NEQLAX

Reference: Yan-Li Zhao, Qiao-Zhen Zhang, Xin Chen, Ming Yu (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o4734

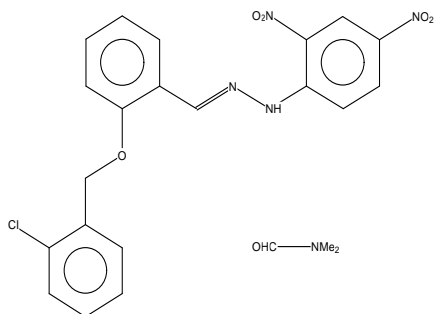
Formula: C₂₀ H₁₅ Cl₁ N₄ O₅ C₃ H₇ N₁ O₁

Compound Name: (Z)-1-(2-(2-Chlorobenzyloxy)benzylidene)-2-(2,4-dinitrophenyl)hydrazine N,N-dimethylformamide solvate

Space Group: P21/c **Cell:** a 7.844(4) b 12.887(7) c 23.631(13)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.45(0) γ 90.00

R-Factor (%): 4.38 **Temperature(K):** 294 **Density(g/cm³):** 1.391

Parameters
Fragment 1
ANG1 (A) 4.994
DIST1 (D) 2.052



NERVAI

Reference: Jun Shi (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,62,o5848

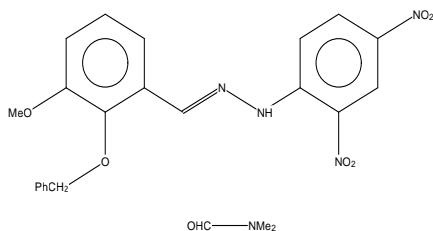
Formula: C₂₁ H₁₈ N₄ O₆ C₃ H₇ N₁ O₁

Compound Name: (E)-1-(2-(Benzyloxy)-3-methoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine N,N-dimethylformamide solvate

Space Group: P-1 **Cell:** a 8.244(3) b 11.792(4) c 12.789(4)
Space Group No.: 2 **(Å, °)** α 86.26(0) β 87.31(0) γ 86.86(0)

R-Factor (%): 5.12 **Temperature(K):** 294 **Density(g/cm³):** 1.330

Parameters
Fragment 1
ANG1 (A) 5.256
DIST1 (D) 3.898



Search: search1 (Mon May 06 11:18:27 2019): Hits 45-48

NOBFAM

Reference: N.Chitrapriya, V.Mahalingam, M.Zeller, K.Natarajan (2008) *Polyhedron* ,**27**,1573

Formula: C₅₀ H₃₈ N₄ O₆ P₂ Ru₁ C₃ H₇ N₁ O₁

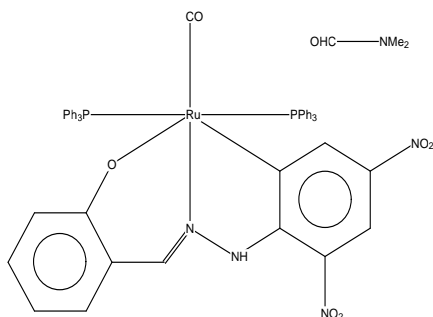
Compound Name: Carbonyl-(2-(2-(2-oxybenzylidene)hydrazinyl)-3,5-dinitrophenyl-C,N,O)-bis(triphenylphosphine)-ruthenium(II) N,N-dimethylformamide solvate

Space Group: P21/n **Cell:** a 11.750(1) b 26.274(2) c 16.139(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.85(0) γ 90.00

R-Factor (%): 4.82 **Temperature(K):** 100 **Density(g/cm³):** 1.386

Parameters

Fragment 1
ANG1 (A) 17.101
DIST1 (D) 3.873



OBOHOF

Reference: M.S.H.Faizi, N.Dege, A.Haque, V.A.Kalibabchuk, M.Cemberci (2017) *Acta Crystallogr., Sect.E:Cryst.Comm.* ,**73**,96

Formula: C₂₁ H₂₆ N₄ O₅

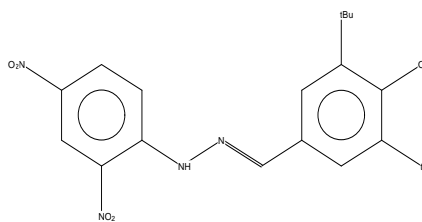
Compound Name: 2,6-di-*t*-butyl-4-(((2,4-dinitrophenyl)hydrazono)methyl)phenol

Space Group: Pnma **Cell:** a 18.765(1) b 6.919(0) c 17.259(1)
Space Group No.: 62 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 7.12 **Temperature(K):** 296 **Density(g/cm³):** 1.228

Parameters

Fragment 1
ANG1 (A) 0.000
DIST1 (D) 1.956



OKOMAE

Reference: Xun Feng, Ai-Qin Tian, Cai-Lu Wang, Yang Wang (2016) *Z.Kristallogr.-New Cryst.Struct.* ,**231**,37

Formula: 2(C₁₃ H₉ N₅ O₇), C₆ H₁₅ N₁

Compound Name: bis(2-(((2,4-dinitrophenyl)hydrazono)methyl)-4-nitrophenol) triethylamine

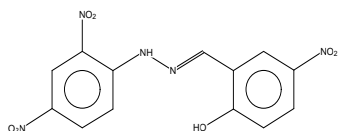
Space Group: P21/c **Cell:** a 12.334(1) b 37.764(5) c 8.208(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.05(0) γ 90.00

R-Factor (%): 6.22 **Temperature(K):** 296 **Density(g/cm³):** 1.463

Parameters

Fragment 1
ANG1 (A) 13.616
DIST1 (D) 3.807

Fragment 2
ANG1 (A) 1.542
DIST1 (D) 3.915



OMOLAD

Reference: C.Glidewell, J.N.Low, J.M.S.Skakle, J.L.Wardell (2004) *Acta Crystallogr., Sect.C:Cryst.Struct.Comm.* ,**60**,o19

Formula: C₁₃ H₉ I₁ N₄ O₄

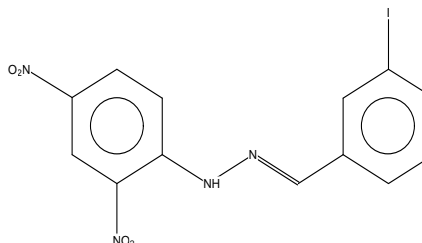
Compound Name: 3-Iodobenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: C2/c **Cell:** a 30.060(0) b 13.563(0) c 7.026(0)
Space Group No.: 15 **(Å, °)** α 90.00 β 101.39(0) γ 90.00

R-Factor (%): 2.99 **Temperature(K):** 120 **Density(g/cm³):** 1.950

Parameters

Fragment 1
ANG1 (A) 7.570
DIST1 (D) 1.980



Search: search1 (Mon May 06 11:18:27 2019): Hits 49-52

OMOLEH

Reference: C.Glidewell, J.N.Low, J.M.S.Skakle, J.L.Wardell (2004)
Acta Crystallogr., Sect.C:Cryst.Struct.Commun., **60**,o19

Formula: C₁₃ H₉ I₁ N₄ O₄

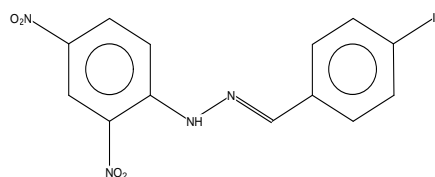
Compound Name: 4-Iodobenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: C2/c **Cell:** a 32.359(2) b 4.629(0) c 18.417(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 97.63(0) γ 90.00

R-Factor (%): 4.64 **Temperature(K):** 120 **Density(g/cm³):** 2.002

Parameters

Fragment 1
ANG1 (A) 9.332
DIST1 (D) 2.036



PONTIW

Reference: H.-K.Fun, R.Kia, H.Kargar (2009)
Acta Crystallogr., Sect.E:Struct.Rep.Online, **65**,o246

Formula: C₁₄ H₁₂ N₄ O₅

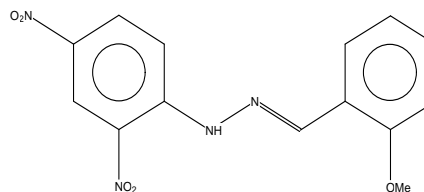
Compound Name: 2-Methoxybenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: P-1 **Cell:** a 7.032(0) b 7.621(0) c 14.190(0)
Space Group No.: 2 **(Å, °)** α 98.05(0) β 97.06(0) γ 109.47(0)

R-Factor (%): 4.46 **Temperature(K):** 100 **Density(g/cm³):** 1.505

Parameters

Fragment 1
ANG1 (A) 3.908
DIST1 (D) 2.029



PUBWOZ

Reference: You-Ming Zhang, Qi Lin, Tai-Bao Wei, Dan-Dan Wang,
Hong Yao, Ya-Lin Wang (2009) *Sens.Actuators.B*, **137**,447

Formula: C₂₀ H₁₃ Cl₁ N₈ O₉·2(C₂ H₆ O₁ S₁)·0.5(H₂ O₁)

Compound Name: 4-Chloro-2,6-bis((2-(2,4-dinitrophenyl)hydrazono)methyl)phenol dimethylsulfoxide solvate hemihydrate

Space Group: C2/c **Cell:** a 30.524(6) b 13.952(2) c 30.386(5)
Space Group No.: 15 **(Å, °)** α 90.00 β 94.49(0) γ 90.00

R-Factor (%): 9.56 **Temperature(K):** 294 **Density(g/cm³):** 1.462

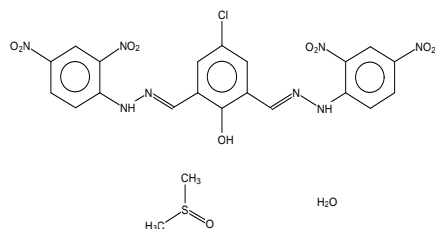
Parameters

Fragment 1
ANG1 (A) 6.466
DIST1 (D) 3.830

Fragment 2
ANG1 (A) 8.458
DIST1 (D) 2.009

Fragment 3
ANG1 (A) 0.677
DIST1 (D) 2.034

Fragment 4
ANG1 (A) 3.329
DIST1 (D) 2.011



PUZSUZ

Reference: O.Kundrat, H.Dvorakova, V.Eigner, P.Lhotak (2010)
J.Org.Chem., **75**,407

Formula: C₄₃ H₄₄ N₄ O₈ S₄

Compound Name: 1-(2,4-Dinitrophenyl)-2-((25,26,27,28-tetrapropoxy-2,8,14,20-tetrathiapentacyclo[19.3.1.1^{3,7}.1^{9,13}.1^{15,19}]octacos-1(25),3(28),4,6,9(27),10,12,15(26),16,18,21,23-dodecaen-4-yl)methylene)hydrazine

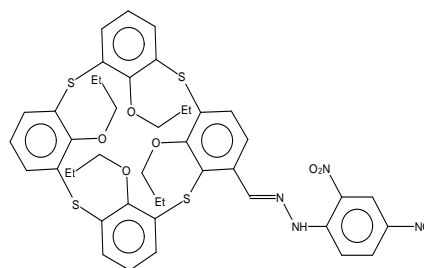
Synonym: 4-(2,4-Dinitrophenylhydrazinylidenemethyl)-25,26,27,28-tetra-n-propoxy-2,8,14,20-tetrathiocalix(4)arene

Space Group: C2/c **Cell:** a 32.859(3) b 16.839(1) c 15.970(1)
Space Group No.: 15 **(Å, °)** α 90.00 β 102.53(1) γ 90.00

R-Factor (%): 6.90 **Temperature(K):** 150 **Density(g/cm³):** 1.345

Parameters

Fragment 1
ANG1 (A) 21.425
DIST1 (D) 2.012



Search: search1 (Mon May 06 11:18:27 2019): Hits 53-56

QAVXER

Reference: S.J.O'Malley, K.L.Tan, A.Watzke, R.G.Bergman, J.A.Eilman (2005) *J.Am.Chem.Soc.*, **127**,13496

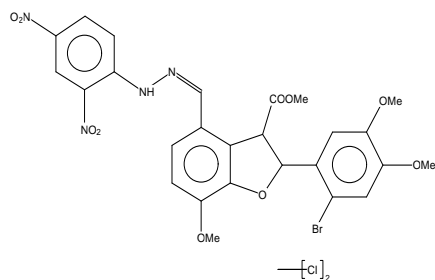
Formula: C₂₆ H₂₃ Br₁ N₄ O₁₀ C₁ H₂ Cl₂

Compound Name: Methyl 2-(2-bromo-4,5-dimethoxyphenyl)-4-((2,4-dinitrophenyl)hydrazonomethyl)-7-methoxy-2,3-dihydrobenzofuran-3-carboxylate dichloromethane solvate

Space Group: P212121 **Cell:** a 6.543(0) b 14.702(0) c 31.477(2)
Space Group No.: 19 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.79 **Temperature(K):** 143 **Density(g/cm³):** 1.571

Parameters
Fragment 1
ANG1 (A) 9.345
DIST1 (D) 2.011



RUFSOB

Reference: G.V.Gurskaya, V.E.Zavodnik, N.E.Zhukhlistova, M.V.Kozlov (2008) *Kristallografiya(Russ.)(Crystallogr.Rep.)*, **53**,663

Formula: C₁₃ H₁₀ N₄ O₆

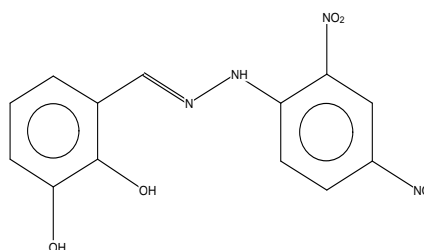
Compound Name: 2,4-Dinitrophenylhydrazone 2,3-dihydroxybenzaldehyde

Synonym: 3-((2,4-Dinitrophenyl)carbohydrazonoyl)benzene-1,2-diol

Space Group: P21/n **Cell:** a 9.158(1) b 6.289(1) c 22.844(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 94.67(0) γ 90.00

R-Factor (%): 4.71 **Temperature(K):** 120 **Density(g/cm³):** 1.612

Parameters
Fragment 1
ANG1 (A) 2.232
DIST1 (D) 3.775



SUYPEI

Reference: Lin-xiu Zhao, Duan-lin Cao, Jian-lan Cui (2010) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **66**,o2204

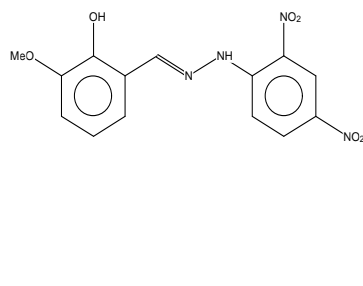
Formula: C₁₄ H₁₂ N₄ O₆ C₅ H₅ N₁

Compound Name: 2-Hydroxy-3-methoxybenzaldehyde 2,4-dinitrophenylhydrazone pyridine solvate

Space Group: P-1 **Cell:** a 6.902(1) b 7.624(1) c 19.073(3)
Space Group No.: 2 **(Å, °)** α 95.11(1) β 91.20(1) γ 107.02(1)

R-Factor (%): 5.13 **Temperature(K):** 293 **Density(g/cm³):** 1.431

Parameters
Fragment 1
ANG1 (A) 3.486
DIST1 (D) 2.033



SUYPIM

Reference: Lin-xiu Zhao, Jian-lan Cui, Duan-lin Cao (2010) *Acta Crystallogr., Sect.E: Struct. Rep. Online*, **66**,o2205

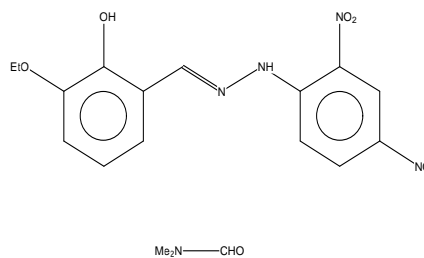
Formula: C₁₅ H₁₄ N₄ O₆ C₃ H₇ N₁ O₁

Compound Name: 3-Ethoxy-2-hydroxybenzaldehyde 2,4-dinitrophenylhydrazone N,N-dimethylformamide solvate

Space Group: P-1 **Cell:** a 7.107(0) b 7.720(0) c 19.479(1)
Space Group No.: 2 **(Å, °)** α 84.68(0) β 81.56(0) γ 68.71(0)

R-Factor (%): 3.94 **Temperature(K):** 293 **Density(g/cm³):** 1.415

Parameters
Fragment 1
ANG1 (A) 3.049
DIST1 (D) 2.015



Search: search1 (Mon May 06 11:18:27 2019): Hits 57-60

UREDOL

Reference: Xianrong Xin, Min Li, Zhimin Chen, Ruitao Zhu (2011) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,67, o1169

Formula: C₁₅H₁₄N₄O₆

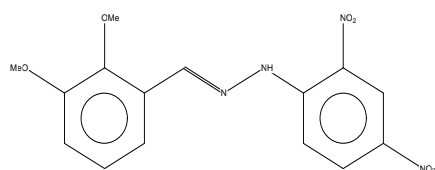
Compound Name: 1-(2,3-Dimethoxybenzylidene)-2-(2,4-dinitrophenyl)hydrazine

Space Group: P-1 **Cell:** a 7.841(0) b 7.920(0) c 13.896(1)
Space Group No.: 2 **(Å, °)** α 85.04(0) β 82.77(0) γ 65.89(0)

R-Factor (%): 6.33 **Temperature(K):** 298 **Density(g/cm³):** 1.473

Parameters

Fragment 1
ANG1 (A) 3.690
DIST1 (D) 1.989



UREKIM

Reference: J.P.Jasinski, A.N.Braley, C.S.C.Kumar, H.S.Yathirajan, A.N.Mayekar (2011) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,67, o1200

Formula: C₁₃H₉F₁N₄O₄

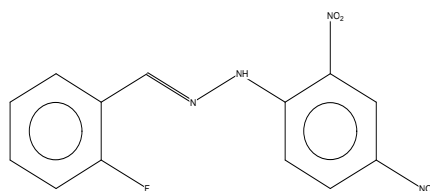
Compound Name: (E)-1-(2,4-Dinitrophenyl)-2-(2-fluorobenzylidene)hydrazine

Space Group: P-1 **Cell:** a 7.096(0) b 8.271(0) c 11.723(0)
Space Group No.: 2 **(Å, °)** α 88.61(0) β 80.54(0) γ 71.37(1)

R-Factor (%): 4.54 **Temperature(K):** 173 **Density(g/cm³):** 1.572

Parameters

Fragment 1
ANG1 (A) 5.670
DIST1 (D) 2.019



WACROJ

Reference: Lin-xiu Zhao, Gang-shen Li (2010) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,66, o3148

Formula: C₁₇H₁₉N₅O₅

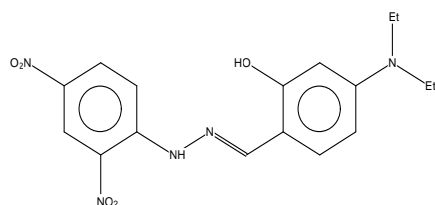
Compound Name: 5-Diethylamino-2-((2-(2,4-dinitrophenyl)hydrazin-1-ylidene)methyl)phenol

Space Group: P-1 **Cell:** a 8.530(0) b 8.541(0) c 12.491(1)
Space Group No.: 2 **(Å, °)** α 84.55(0) β 89.73(0) γ 75.11(0)

R-Factor (%): 5.51 **Temperature(K):** 293 **Density(g/cm³):** 1.417

Parameters

Fragment 1
ANG1 (A) 1.773
DIST1 (D) 3.845



WAFSAZ

Reference: Xiu-Rong Zhai (2010) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,66, o3142

Formula: C₁₃H₁₀N₄O₅·0.5(C₂H₆O₁)

Compound Name: 4-((2-(2,4-Dinitrophenyl)hydrazinylidene)methyl)phenol ethanol solvate

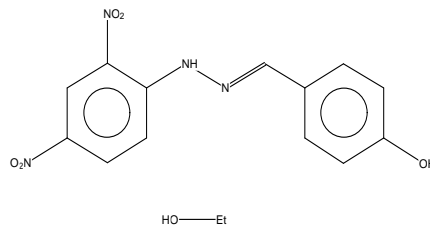
Synonym: 4-(2,4-Dinitrobenzenecarbohydrazonyl)phenol ethanol solvate

Space Group: P-1 **Cell:** a 7.094(1) b 7.289(1) c 14.458(3)
Space Group No.: 2 **(Å, °)** α 100.16(0) β 96.38(0) γ 100.60(0)

R-Factor (%): 6.41 **Temperature(K):** 295 **Density(g/cm³):** 1.510

Parameters

Fragment 1
ANG1 (A) 4.292
DIST1 (D) 3.818



Search: search1 (Mon May 06 11:18:27 2019): Hits 61-64

WALLEA

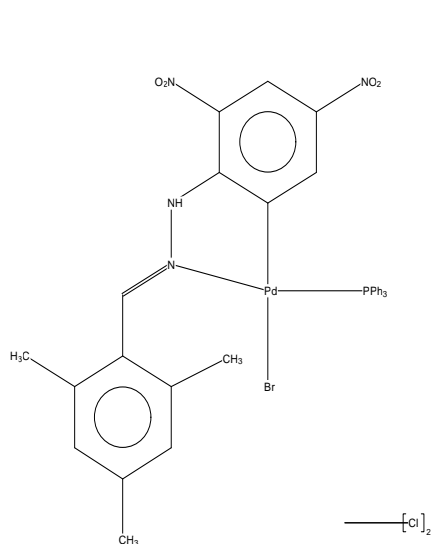
Reference: J.Granell, R.Moragas, J.Sales, M.Font-Bardia, X.Solans (1993) *J.Chem.Soc.,Dalton Trans.*, 1237

Formula: C₃₄ H₃₀ Br₁ N₄ O₄ P₁ Pd₁, C₁ H₂ Cl₂

Compound Name: (2,4,6-Trimethylbenzylidene(4,6-dinitro-o-phenylene)hydrazone-C,N)-triphenylphosphine-bromo-palladium dichloromethane solvate

Space Group: P-1 **Cell:** a 9.429(2) b 10.420(2) c 18.334(3)
Space Group No.: 2 **(Å, °)** α 92.23(3) β 90.26(3) γ 96.11(2)

R-Factor (%): 6.20 **Temperature(K):** 295 **Density(g/cm³):** 1.597



Parameters
Fragment 1
ANG1 (A) 74.159
DIST1 (D) 1.813

WUXCUN

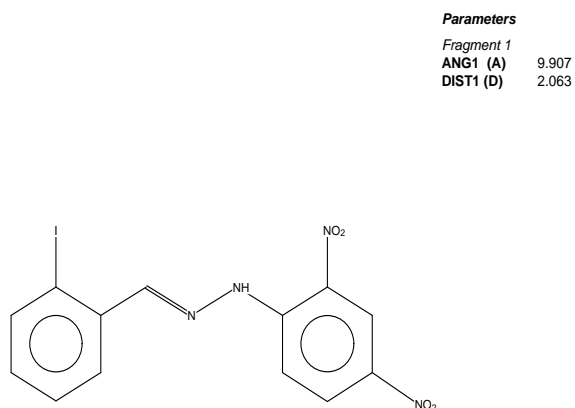
Reference: C.Glidewell, J.N.Low, J.M.S.Skakle, J.L.Wardell (2003) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, 59,098

Formula: C₁₃ H₉ I₁ N₄ O₄

Compound Name: 1-(2-Iodobenzylidene)-2-(2,4-dinitrophenyl)hydrazone

Space Group: P-1 **Cell:** a 7.889(0) b 8.141(0) c 12.176(1)
Space Group No.: 2 **(Å, °)** α 83.88(0) β 83.68(0) γ 63.15(0)

R-Factor (%): 4.70 **Temperature(K):** 120 **Density(g/cm³):** 1.978



Parameters
Fragment 1
ANG1 (A) 9.907
DIST1 (D) 2.063

WUXHAY

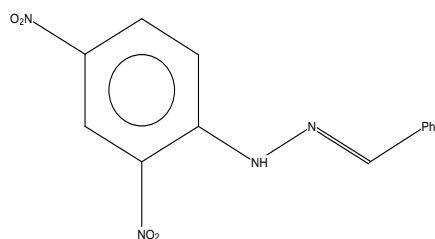
Reference: Shang Shan, Duan-Jun Xu, Chen-Hsiung Hung, Jing-Yun Wu, M.Y.Chiang (2003) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.*, 59,0135

Formula: C₁₃ H₁₀ N₄ O₄

Compound Name: 1-Benzylidene-2-(2,4-dinitrophenyl)hydrazone

Space Group: P21/c **Cell:** a 13.290(3) b 6.825(3) c 14.332(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.60(1) γ 90.00

R-Factor (%): 4.00 **Temperature(K):** 298 **Density(g/cm³):** 1.464



Parameters
Fragment 1
ANG1 (A) 3.262
DIST1 (D) 3.860

WUXHAY01

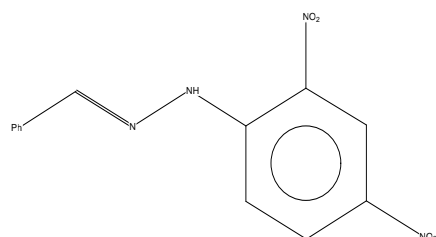
Reference: Srikala Pangannaya, D.R.Trivedi (2017) *Sens.Actuators.B*, 247,673

Formula: C₁₃ H₁₀ N₄ O₄

Compound Name: (E)-1-benzylidene-2-(2,4-dinitrophenyl)hydrazone

Space Group: P21/c **Cell:** a 13.296(0) b 6.825(0) c 14.345(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 92.56(0) γ 90.00

R-Factor (%): 4.05 **Temperature(K):** 296 **Density(g/cm³):** 1.462



Parameters
Fragment 1
ANG1 (A) 3.328
DIST1 (D) 2.014

Search: search1 (Mon May 06 11:18:27 2019): Hits 65-68

XICKUQ

Reference: Gen-Rong Qiang, Zheng Fan, Shang Shan, Yu-Liang Tian, Xu-Chun Fu (2007) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **63**, o2246

Formula: C₁₄ H₁₁ N₅ O₆

Compound Name: (E)-4-Methylbenzaldehyde 2,4,6-trinitrophenylhydrazone

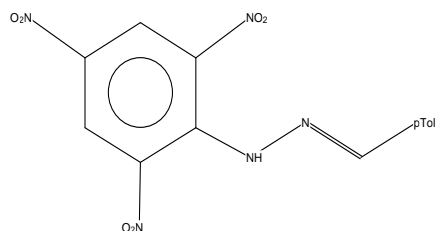
Space Group: P-1 **Cell:** a 7.138(1) b 7.491(1) c 14.995(1)
Space Group No.: 2 **(Å, °)** α 76.19(0) β 79.47(0) γ 83.61(0)

R-Factor (%): 6.60 **Temperature(K):** 294 **Density(g/cm³):** 1.502

Parameters

Fragment 1
ANG1 (A) 4.867
DIST1 (D) 4.428

Fragment 2
ANG1 (A) 4.867
DIST1 (D) 3.786



XOGWEX

Reference: K.Tiwari, M.Mishra, V.P.Singh (2014) *RSC Advances*, **4**, 27556

Formula: C₁₃ H₁₀ N₄ O₆ · C₂ H₆ O₁ S₁

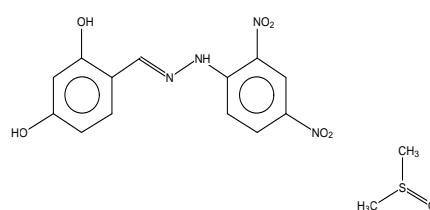
Compound Name: 4-((2,4-dinitrophenyl)carbohydrazonoyl)benzene-1,3-diol dimethyl sulfoxide solvate

Space Group: P21/c **Cell:** a 19.299 b 6.620 c 14.534
Space Group No.: 14 **(Å, °)** α 90.00 β 102.77 γ 90.00

R-Factor (%): 6.94 **Temperature(K):** 293 **Density(g/cm³):** 1.454

Parameters

Fragment 1
ANG1 (A) 1.952
DIST1 (D) 1.958



YEFCIV

Reference: C.J.Adams, M.I.Bruce, P.A.Duckworth, P.A.Humphrey, O.Kuhl, E.R.T.Tiekink, W.R.Cullen, P.Braunstein, S.C.Cea, B.W.Skelton, A.H.White (1994) *J.Organomet.Chem.*, **467**,251

Formula: C₃₆ H₁₉ N₄ O₁₅ Os₃ P₁

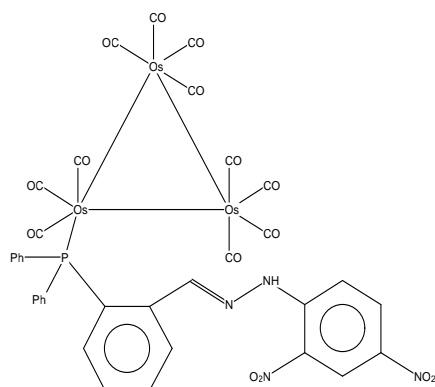
Compound Name: Undecacarbonyl-((2-(2,4-dinitrophenyl)methylhydrazonophenyl)-diphenylphosphine-P)-tri-osmium

Space Group: P-1 **Cell:** a 15.909(6) b 15.511(5) c 9.187(3)
Space Group No.: 2 **(Å, °)** α 87.89(3) β 83.57(3) γ 62.70(3)

R-Factor (%): 4.20 **Temperature(K):** 295 **Density(g/cm³):** 2.239

Parameters

Fragment 1
ANG1 (A) 7.008
DIST1 (D) 1.883



YEFFAR

Reference: Zuo-Liang Jing, Yu Liu, Xin Chen, Yu Ming (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **62**, o862

Formula: C₁₄ H₁₂ N₄ O₅

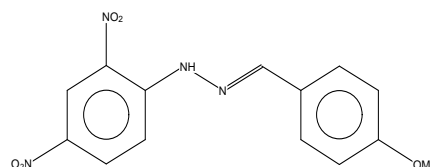
Compound Name: N-(2,4-Dinitrophenyl)-N'-(4-methoxybenzylidene)hydrazine

Space Group: P21/n **Cell:** a 6.189(2) b 8.581(3) c 26.669(11)
Space Group No.: 14 **(Å, °)** α 90.00 β 96.39(0) γ 90.00

R-Factor (%): 3.35 **Temperature(K):** 294 **Density(g/cm³):** 1.493

Parameters

Fragment 1
ANG1 (A) 1.761
DIST1 (D) 3.834



Search: search1 (Mon May 06 11:18:27 2019): Hits 69-71

YERWUO

Reference: Jun Shi (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **62**, o4533

Formula: C₂₀H₁₅Cl₁N₄O₅

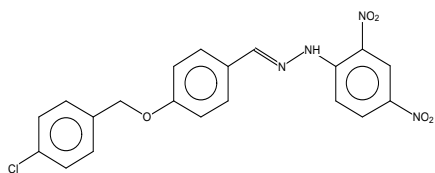
Compound Name: (E)-1-(4-(4-Chlorobenzoyloxy)benzylidene)-2-(2,4-dinitrophenyl)hydrazine

Space Group: P-1 **Cell:** a 7.091(1) b 11.975(3) c 12.121(3)
Space Group No.: 2 **(Å, °)** α 69.86(0) β 78.46(0) γ 85.19(0)

R-Factor (%): 4.04 **Temperature(K):** 294 **Density(g/cm³):** 1.497

Parameters

Fragment 1
ANG1 (A) 5.354
DIST1 (D) 2.006



YIXQAY

Reference: A.A.Tameem, B.Saad, A.M.Salhin, S.R.Jebas, Hoong-Kun Fun (2008) *Acta Crystallogr., Sect. E: Struct. Rep. Online*, **64**, o679

Formula: C₁₃H₉N₅O₇

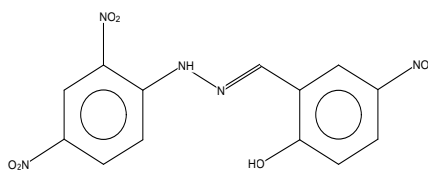
Compound Name: 2-Hydroxy-5-nitrobenzaldehyde 2,4-dinitrophenylhydrazone

Space Group: P21/n **Cell:** a 12.754(0) b 8.190(0) c 13.862(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 112.68(0) γ 90.00

R-Factor (%): 5.03 **Temperature(K):** 100 **Density(g/cm³):** 1.726

Parameters

Fragment 1
ANG1 (A) 4.629
DIST1 (D) 2.071



YIXQAY01

Reference: P.Ghosh, B.G.Roy, S.K.Mukhopadhyay, P.Banerjee (2015) *RSC Advances*, **5**, 27387

Formula: C₁₃H₉N₅O₇

Compound Name: 2-((2,4-dinitrophenyl)carbohydrazonoyl)-4-nitrophenol

Space Group: P21/n **Cell:** a 12.745(5) b 8.223(5) c 13.910(5)
Space Group No.: 14 **(Å, °)** α 90.00 β 112.26(0) γ 90.00

R-Factor (%): 3.50 **Temperature(K):** 150 **Density(g/cm³):** 1.710

Parameters

Fragment 1
ANG1 (A) 4.417
DIST1 (D) 3.783

