

Search Overview

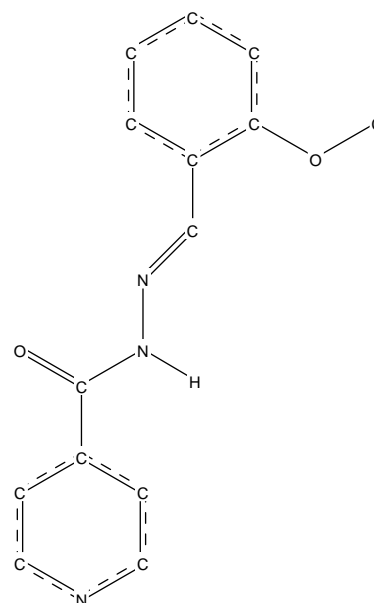
Search: search3
Date/Time done: Wed Apr 10 17:32:20 2019
Database(s): CSD version 5.40 updates (Feb 2019)
CSD version 5.40 (November 2018)
Restriction Info: No refcode restrictions applied
Filters: None
Percentage Completed: 100%
Number of Hits: 23

Single query used. Search found structures that:

match

Query 1

Query 1



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 1-4

BAXKUJ

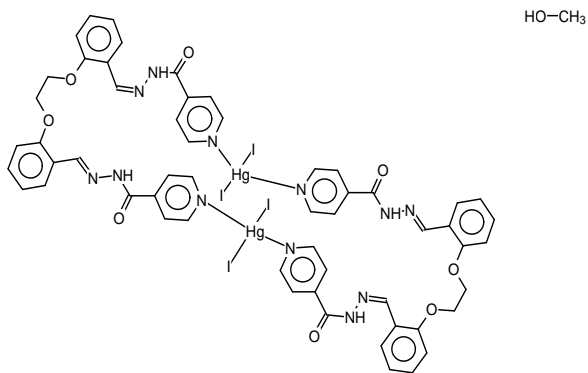
Reference: G.Mahmoudi, Ennio Zangrando, A.Bauza, W.Maniukiewicz, R.Carballo, A.V.Gurbanov, A.Frontera (2017) *CrystEngComm* ,19,3322

Formula: C₅₆ H₄₈ Hg₂ I₄ N₁₂ O₈·4(C₁ H₄ O₁)

Compound Name: bis(μ-(N',N'')-[ethane-1,2-diy]bis(oxy-2,1-phenylenemethylidene))bis(pyridine-4-carbohydrazide))-tetrakis(iodo)-di-mercury methanol solvate

Space Group: P-1 **Cell:** a 11.064(1) b 12.065(1) c 14.522(2)
Space Group No.: 2 **(Å, °)** α 72.33(0) β 69.22(0) γ 84.58(0)

R-Factor (%): 5.25 **Temperature(K):** 193 **Density(g/cm³):** 1.975



BAXLAQ

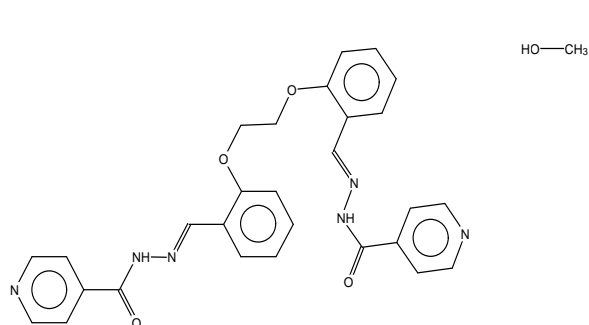
Reference: G.Mahmoudi, Ennio Zangrando, A.Bauza, W.Maniukiewicz, R.Carballo, A.V.Gurbanov, A.Frontera (2017) *CrystEngComm* ,19,3322

Formula: C₂₈ H₂₄ N₆ O₄·2(C₁ H₄ O₁)

Compound Name: N',N'')-[ethane-1,2-diy]bis(oxy-2,1-phenylenemethylidene))bis(pyridine-4-carbohydrazide) methanol solvate

Space Group: P21 **Cell:** a 8.682(1) b 20.009(3) c 8.946(1)
Space Group No.: 4 **(Å, °)** α 90.00 β 107.12(0) γ 90.00

R-Factor (%): 4.30 **Temperature(K):** 193 **Density(g/cm³):** 1.280



EROTEL

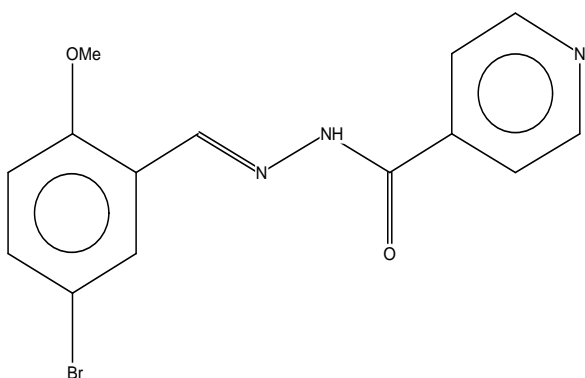
Reference: Hong-Yan Ban (2011) *Acta Crystallogr., Sect.E: Struct. Rep. Online* ,67,01443

Formula: C₁₄ H₁₂ Br₁ N₃ O₂

Compound Name: (E)-N-(5-Bromo-2-methoxybenzylidene)isonicotinohydrazide

Space Group: P21/c **Cell:** a 10.020(3) b 25.732(2) c 11.243(2)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.20(0) γ 90.00

R-Factor (%): 6.37 **Temperature(K):** 298 **Density(g/cm³):** 1.567



FIXJIG

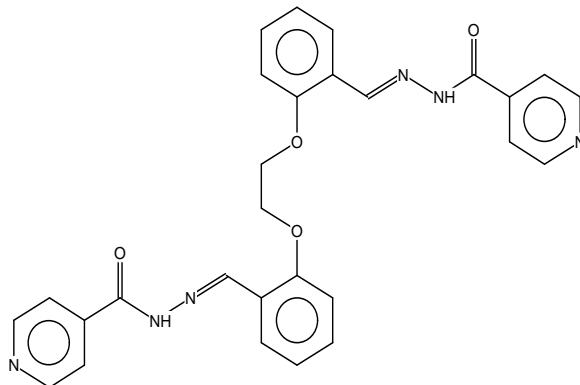
Reference: X.-S.Tai, L.-H.Wang, Y.-Z.Li, M.-Y.Tan (2004) *Z.Kristallogr.-New Cryst.Struct.* ,219,407

Formula: C₂₈ H₂₄ N₆ O₄

Compound Name: 1,4-bis(2'-Formylphenyl)-1,4-dioxabutane bis(isonicotinoylhydrazone)

Space Group: P-1 **Cell:** a 9.512(1) b 11.671(1) c 12.531(1)
Space Group No.: 2 **(Å, °)** α 106.68(3) β 96.69(3) γ 104.28(2)

R-Factor (%): 4.70 **Temperature(K):** 293 **Density(g/cm³):** 1.335



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 5-8

HESRUT

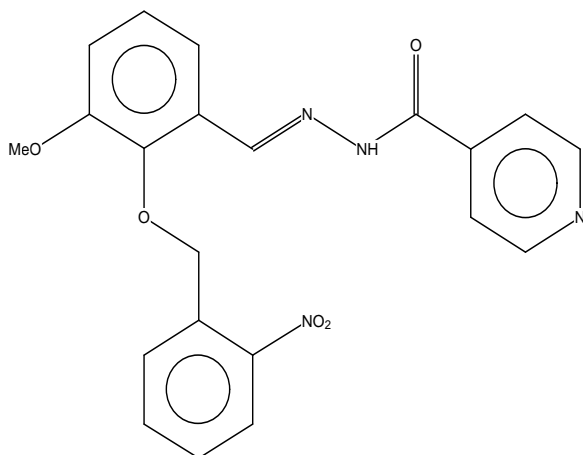
Reference: Jian-Rong Han, Xiao-Li Zhen, Xia Tian, Shou-Xin Liu (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online* **62**, o5570

Formula: C₂₁ H₁₈ N₄ O₅

Compound Name: (E)-N'-(3-Methoxy-2-(2-nitrobenzyloxy)benzylidene)isonicotinohydrazide

Space Group: P2₁/c **Cell:** a 7.897(1) b 26.120(6) c 20.139(4)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 96.36(0) γ 90.00

R-Factor (%): 5.71 **Temperature(K):** 294 **Density(g/cm³):** 1.308



IDIWOI

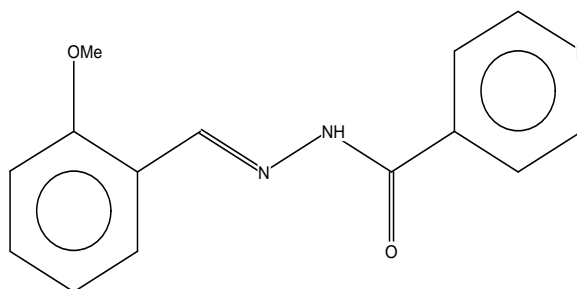
Reference: Xiao-Yang Qiu, Hua-Jie Xu, Wei-Sheng Liu, Hai-Liang Zhu (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online* **62**, o2304

Formula: C₁₄ H₁₃ N₃ O₂·2(H₂O)

Compound Name: (E)-N'-(2-Methoxybenzylidene)isonicotinohydrazide dihydrate

Space Group: P-1 **Cell:** a 7.528(0) b 9.693(0) c 10.398(0)
Space Group No.: 2 **Cell:** (Å, °) α 92.31(0) β 100.34(0) γ 107.93(0)

R-Factor (%): 4.62 **Temperature(K):** 298 **Density(g/cm³):** 1.369



H₂O

LEFQUK

Reference: S.K.Mohamed, M.A.Farrukh, M.Akkurt, M.R.Albayati, A.A.Abdelhamid (2012) *Acta Crystallogr., Sect. E: Struct. Rep. Online* **68**, o2442

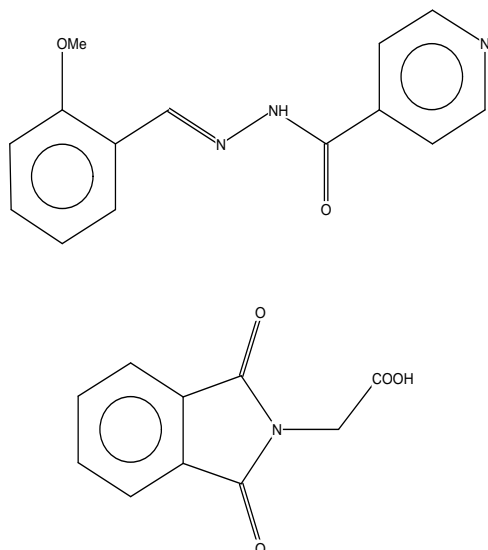
Formula: C₁₄ H₁₃ N₃ O₂·C₁₀ H₇ N₁ O₄

Compound Name: (1,3-Dioxo-1,3-dihydro-2H-isoindol-2-yl)acetic acid N'-(2-methoxybenzylidene)isonicotinohydrazide

Synonym: 2-(1,3-Dioxoisoindolin-2-yl)acetic acid N'-[(E)-2-methoxybenzylidene]pyridine-4-carbohydrazide

Space Group: P2₁/n **Cell:** a 7.075(1) b 43.511(6) c 7.548(0)
Space Group No.: 14 **Cell:** (Å, °) α 90.00 β 110.02(0) γ 90.00

R-Factor (%): 5.52 **Temperature(K):** 296 **Density(g/cm³):** 1.401



LIGXEG

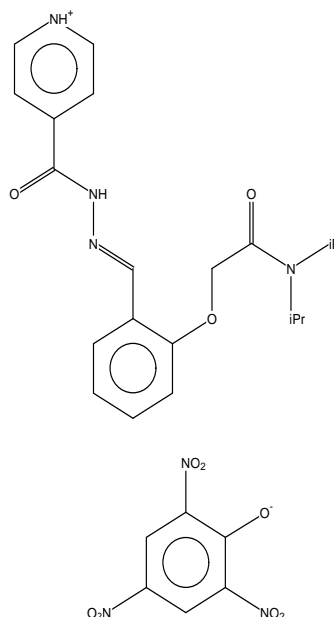
Reference: Ming Dong, Ya-Wen Wang, Ai-Jiang Zhang, Yu Peng (2013) *Chem. Asian J.* **8**, 1321

Formula: C₂₁ H₂₇ N₄ O₃ · 1+·C₆ H₂ N₃ O₇ · 1-

Compound Name: 4-((2-(2-(2-(Di-isopropylamino)-2-oxoethoxy)benzylidene)hydrazinyl)carbonyl)pyridinium 2,4,6-trinitrophenolate

Space Group: Pna2₁ **Cell:** a 23.601(2) b 19.545(1) c 6.363(0)
Space Group No.: 33 **Cell:** (Å, °) α 90.00 β 90.00 γ 90.00

R-Factor (%): 5.20 **Temperature(K):** 273 **Density(g/cm³):** 1.384



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 9-12

MIQXOA

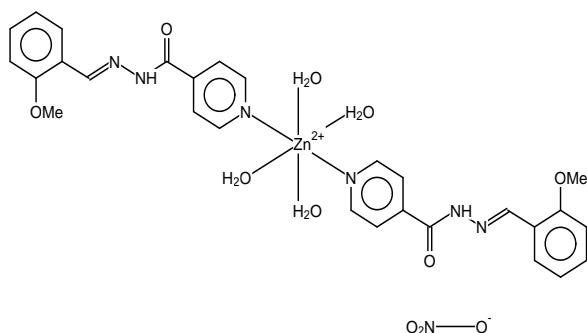
Reference: Shaokang Gao, Zhongwu Fu, Zengyou Wang (2007) *Acta Crystallogr., Sect. E: Struct. Rep. Online* ,63,m3004

Formula: C₂₈ H₃₄ N₆ O₈ Zn²⁺·2(N₁ O₃¹⁻)

Compound Name: tetra-aqua-bis(2-methoxybenzaldehyde isonicotinoylhydrazone)-zinc(ii) dinitrate

Space Group: P2₁/n **Cell:** a 7.970(4) b 17.647(9) c 11.838(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 99.06(1) γ 90.00

R-Factor (%): 4.13 **Temperature(K):** 293 **Density(g/cm³):** 1.559



NUQZUV

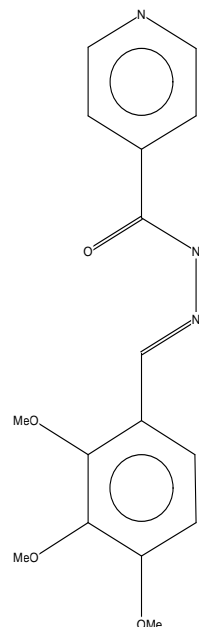
Reference: H.S.Naveenkumar, A.Sadikun, P.Ibrahim, C.S.Yeap, H.-K.Fun (2010) *Acta Crystallogr., Sect. E: Struct. Rep. Online* ,66,o1231

Formula: C₁₆ H₁₇ N₃ O₄

Compound Name: (E)-N'-(2,3,4-Trimethoxybenzylidene)isonicotinohydrazide

Space Group: P2₁/c **Cell:** a 14.246(3) b 9.397(2) c 12.098(3)
Space Group No.: 14 **(Å, °)** α 90.00 β 109.25(0) γ 90.00

R-Factor (%): 4.74 **Temperature(K):** 100 **Density(g/cm³):** 1.370



NURBEI

Reference: H.S.Naveenkumar, A.Sadikun, P.Ibrahim, C.S.Yeap, H.-K.Fun (2010) *Acta Crystallogr., Sect. E: Struct. Rep. Online* ,66,o1235

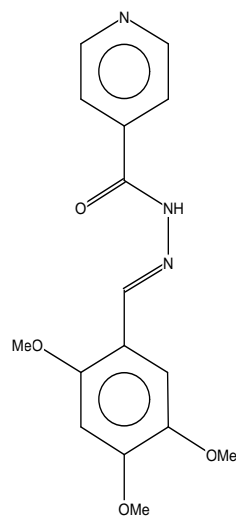
Formula: C₁₆ H₁₇ N₃ O₄·2(H₂ O₁)

Compound Name: (E)-N'-(2,4,5-Trimethoxybenzylidene)isonicotinohydrazide dihydrate

Synonym: N'-(2,4,5-Trimethoxybenzylidene)isonicotinohydrazide dihydrate

Space Group: P2₁ **Cell:** a 6.816(0) b 14.565(1) c 8.559(0)
Space Group No.: 4 **(Å, °)** α 90.00 β 103.42(0) γ 90.00

R-Factor (%): 3.40 **Temperature(K):** 100 **Density(g/cm³):** 1.412



H₂O

QERLIJ

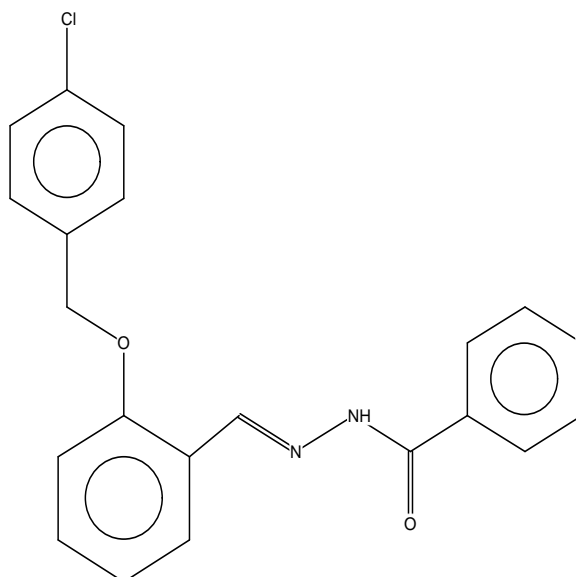
Reference: Qiao-Zhen Zhang, Yan-Li Zhao, Xin Chen, Ming Yu (2006) *Acta Crystallogr., Sect. E: Struct. Rep. Online* ,62,o4835

Formula: C₂₀ H₁₆ Cl₁ N₃ O₂

Compound Name: (E)-N'-(2-(4-Chlorobenzyloxy)benzylidene)isonicotinohydrazide

Space Group: Pbc_a **Cell:** a 10.212(2) b 9.696(2) c 36.927(8)
Space Group No.: 61 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 4.67 **Temperature(K):** 294 **Density(g/cm³):** 1.329



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 13-16

SAZBIF

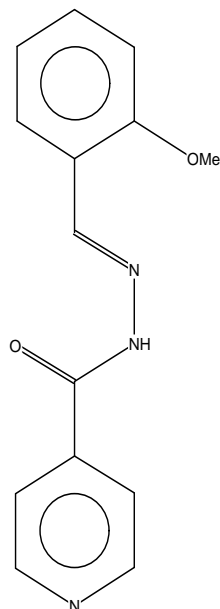
Reference: Song Yang, Shu-Ping Zhang, Ying-Ying Wu, Si-Chang Shao (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,**62**, o28

Formula: C₁₄H₁₃N₃O₂

Compound Name: 2-Methoxybenzaldehyde isonicotinoylhydrazone

Space Group: P21/c **Cell:** a 9.766(2) b 15.935(4) c 17.428(4)
Space Group No.: 14 **(Å, °)** α 90.00 β 95.40(0) γ 90.00

R-Factor (%): 14.43 **Temperature(K):** 298 **Density(g/cm³):** 1.256



SAZBIF01

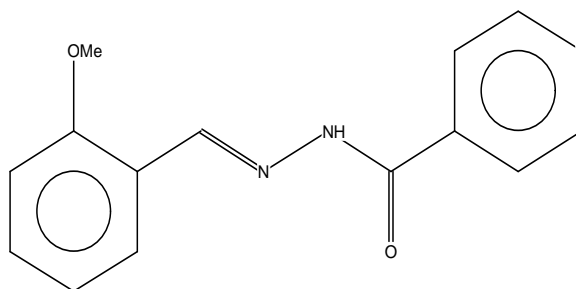
Reference: S.M.S.V.Wardell, M.V.N.de Souza, J.L.Wardell, J.N.Low, C.Glidewell (2007) *Acta Crystallogr., Sect.B:Struct.Sci.* ,**63**,879

Formula: C₁₄H₁₃N₃O₂

Compound Name: (E)-N-isonicotinoyl 2-methoxybenzaldehydehydrazone

Space Group: P21/c **Cell:** a 9.890(0) b 15.819(0) c 17.038(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 97.24(0) γ 90.00

R-Factor (%): 5.23 **Temperature(K):** 120 **Density(g/cm³):** 1.282



TEJQUV

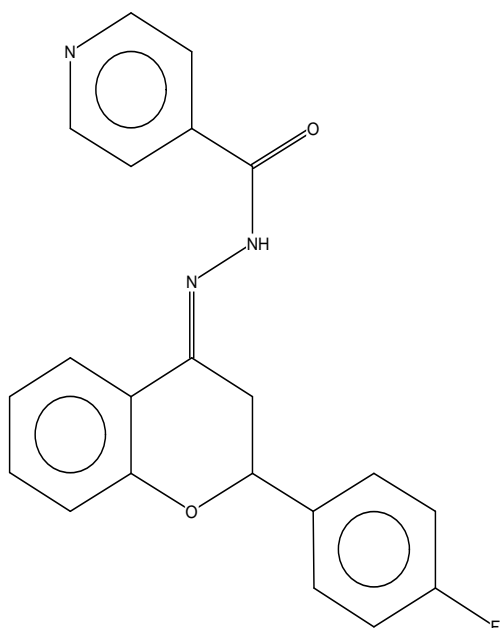
Reference: Aihua Nie, S.Ghosh, Ziwei Huang (2006) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,**62**,o1824

Formula: C₂₁H₁₆F₁N₃O₂

Compound Name: 2'-(2-(4-Fluorophenyl)chroman-4-ylidene)isonicotinohydrazide

Space Group: P21/c **Cell:** a 11.654(5) b 5.471(2) c 26.609(10)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.42(0) γ 90.00

R-Factor (%): 5.10 **Temperature(K):** 208 **Density(g/cm³):** 1.449



TEJQUV01

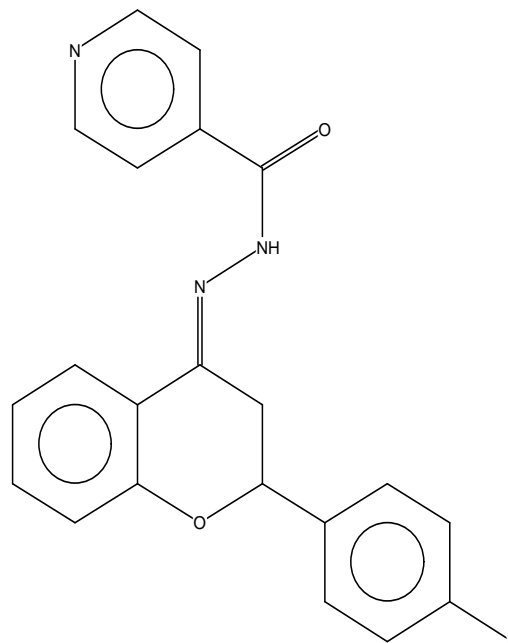
Reference: Aihua Nie, Ziwei Huang (2006) *J.Comb.Chem.* ,**8**,655

Formula: C₂₁H₁₆F₁N₃O₂

Compound Name: 2'-(2-(4-Fluorophenyl)chroman-4-ylidene)isonicotinohydrazide

Space Group: P21/c **Cell:** a 11.654(5) b 5.471(2) c 26.609(10)
Space Group No.: 14 **(Å, °)** α 90.00 β 102.42(0) γ 90.00

R-Factor (%): 5.10 **Temperature(K):** 208 **Density(g/cm³):** 1.449



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 17-20

TUPDAK

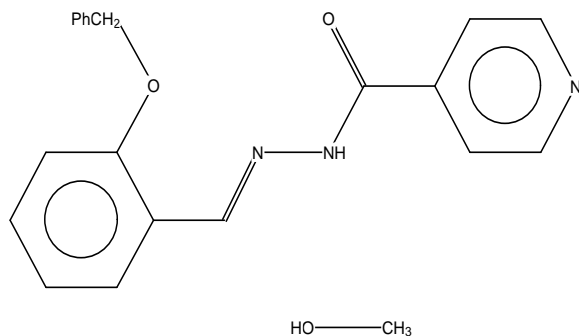
Reference: H.S.Naveenkumar, A.Sadikun, P.Ibrahim, M.Hemamalini, H.-K.Fun (2010) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,66,o1337

Formula: C₂₀ H₁₇ N₃ O₂, C₁ H₄ O₁, H₂ O₁

Compound Name: (E)-N'-(2-Benzyloxybenzylidene)isonicotinohydrazide methanol solvate monohydrate

Space Group: P2₁/c **Cell:** a 17.763(3) b 12.389(1) c 8.745(1)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.67(0) γ 90.00

R-Factor (%): 5.86 **Temperature(K):** 100 **Density(g/cm³):** 1.332



H₂O

TUPDOY

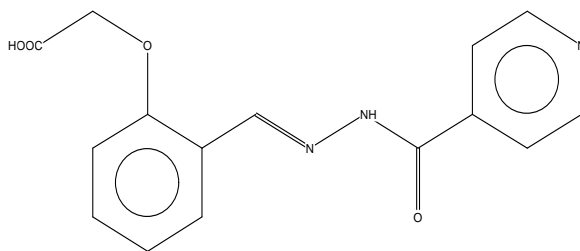
Reference: Jin Hong Xia, Bao Yu Liu, Zheng Liu (2010) *Acta Crystallogr., Sect.E:Struct.Rep.Online* ,66,o1341

Formula: C₁₅ H₁₃ N₃ O₄

Compound Name: 2-([2-(4-Pyridylcarbonyl)hydrazinylidene]methyl)phenoxy)acetic acid

Space Group: Pca2₁ **Cell:** a 12.810(1) b 4.944(0) c 21.921(2)
Space Group No.: 29 **(Å, °)** α 90.00 β 90.00 γ 90.00

R-Factor (%): 3.26 **Temperature(K):** 296 **Density(g/cm³):** 1.432



VAZTEY

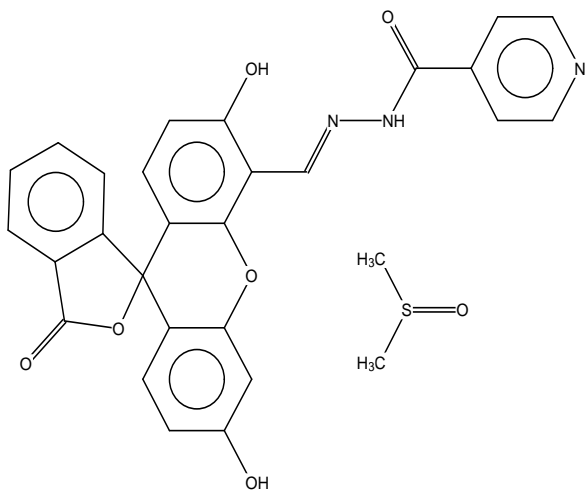
Reference: Zhen-Hai Fu, Ya-Wen Wang, Yu Peng (2017) *Chem. Commun.* ,53,10524

Formula: C₂₇ H₁₇ N₃ O₆, C₂ H₆ O₁ S₁

Compound Name: N'-((3',6'-dihydroxy-3-oxo-3H-spiro[2-benzofuran-1,9'-xanthen]-4'-yl)methylidene)pyridine-4-carbohydrazide dimethyl sulfoxide solvate

Space Group: P-1 **Cell:** a 7.760(1) b 13.126(4) c 14.358(3)
Space Group No.: 2 **(Å, °)** α 106.59(2) β 94.66(1) γ 105.99(2)

R-Factor (%): 9.41 **Temperature(K):** 293 **Density(g/cm³):** 1.396



VAZTIC

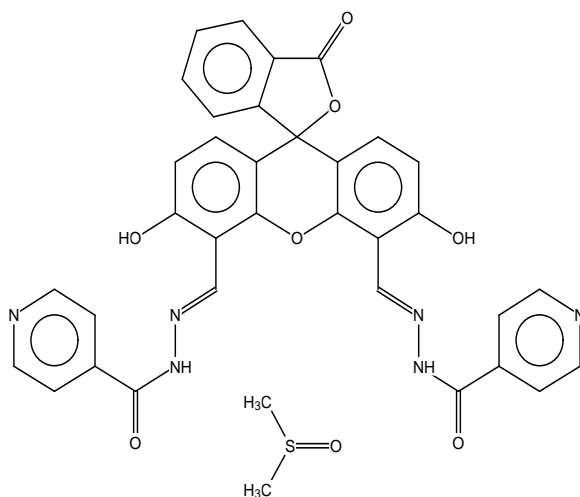
Reference: Zhen-Hai Fu, Ya-Wen Wang, Yu Peng (2017) *Chem. Commun.* ,53,10524

Formula: C₃₄ H₂₂ N₆ O₇, 2(C₂ H₆ O₁ S₁)

Compound Name: N',N''-((3',6'-dihydroxy-3-oxo-3H-spiro[2-benzofuran-1,9'-xanthen]-4'-5'-diyl)dimethyllylidene)bis(pyridine-4-carbohydrazide) dimethyl sulfoxide solvate

Space Group: P-1 **Cell:** a 8.296(0) b 15.185(1) c 16.490(1)
Space Group No.: 2 **(Å, °)** α 83.14(0) β 81.04(0) γ 87.48(0)

R-Factor (%): 8.11 **Temperature(K):** 293 **Density(g/cm³):** 1.277



Search: search3 (Wed Apr 10 17:32:20 2019): Hits 21-23

WEVXOL

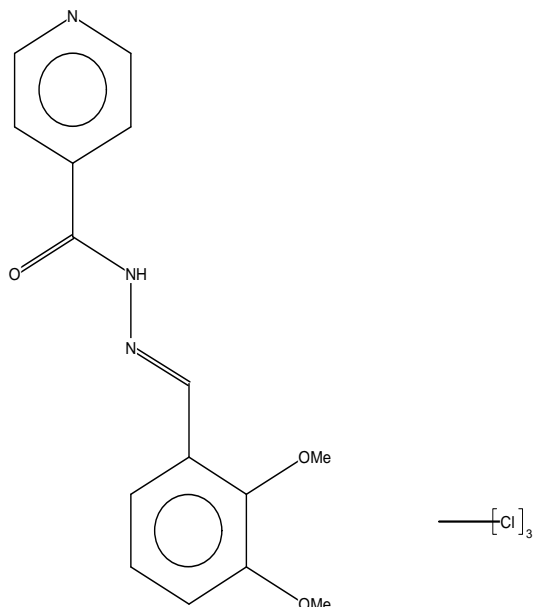
Reference: M.A.Peralta, M.N.V.de Souza, S.M.S.V.Wardell, J.L.Wardell, J.N.Low, C.Glidewell (2007) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.* , **63**,068

Formula: C₁₅ H₁₅ N₃ O₃, C₁ H₁ Cl₃

Compound Name: 2,3-Dimethoxybenzaldehyde isonicotinoylhydrazone chloroform solvate

Space Group: P21/n **Cell:** a 12.740(0) b 10.860(0) c 13.919(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 110.73(0) γ 90.00

R-Factor (%): 4.09 **Temperature(K):** 120 **Density(g/cm³):** 1.492



XIMGIK

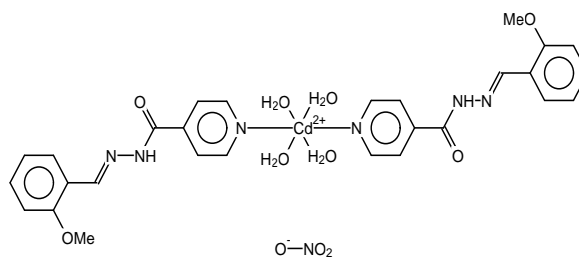
Reference: Zhongwu Fu, Shaokang Gao, Shixiong Liu (2007) *Acta Crystallogr., Sect.C:Cryst.Struct.Commun.* , **63**,m459

Formula: C₂₈ H₃₄ Cd₁ N₆ O₈²⁺, 2(N₁ O₃¹⁻)

Compound Name: Tetra-aqua-bis(N-(2-methoxybenzylidene)pyridine-4-carbohydrazone)-cadmium(ii) dinitrate

Space Group: P21/n **Cell:** a 8.062(5) b 17.955(8) c 11.853(6)
Space Group No.: 14 **(Å, °)** α 90.00 β 98.26(2) γ 90.00

R-Factor (%): 2.78 **Temperature(K):** 293 **Density(g/cm³):** 1.602



YIQFOU

Reference: S.M.S.V.Wardell, M.V.N.de Souza, J.L.Wardell, J.N.Low, C.Glidewell (2007) *Acta Crystallogr., Sect.B:Struct.Sci.* , **63**,879

Formula: C₁₅ H₁₅ N₃ O₂

Compound Name: N-isonicotinoyl 2-ethoxybenzaldehydehydrazone

Space Group: P21/c **Cell:** a 8.379(0) b 18.245(0) c 17.870(0)
Space Group No.: 14 **(Å, °)** α 90.00 β 90.98(0) γ 90.00

R-Factor (%): 5.59 **Temperature(K):** 120 **Density(g/cm³):** 1.310

