Title
Neurobiochemistry Event Atlas: Molecule-to-Circuit Signatures (Foundational v1.0)

Overview
This dataset organizes neurobiochemistry as event chains from molecular mechanisms to synaptic effects,
circuit-level signatures, and expected readouts. The structure supports teaching, concept mapping, and translational reasoning exercises.

What is different in this dataset
- Uses event-centric IDs (event_id) rather than concept-only rows.
- Includes compartment-level localization (primary_compartment).
- Separates acute synaptic effects from circuit-level signatures.
- Adds expected readouts to support hypothesis and assay planning.

Intended use
- Neurobiochemistry and neuroscience teaching
- Mechanism-to-readout study design
- Flashcard and quiz generation
- Knowledge graph seeding

Not intended for
- Clinical diagnosis
- Treatment decisions
- Guideline substitution

Suggested citation
Zhao, K. (2026). Neurobiochemistry Event Atlas: Molecule-to-Circuit Signatures (Foundational v1.0) [Data set]. Harvard Dataverse.

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