

| Catalog | Unit |
|--------------|------|
| TBI2279 - 1G | 1 g |
| TBI2279 - 5G | 5 g |

Product Details

Formal Name: (R)-4-Amino-3-isoxazolidone

Alternate Names:

Molecular Formula: C₃H₆N₂O₂

Formula Weight: 102.09

CAS Number: 68-41-7

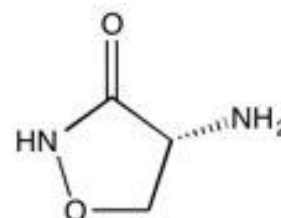
Purity: ≥98%

Formulation: Powder.

Solubility: Soluble in Water (up to 100 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

NMDA, glycine site partial agonist

Functions

Partial agonist at the glycine modulatory site of NMDA glutamatergic receptors. Blocks kainate-induced seizures and displays anticonvulsant effects in rat models. Facilitates synaptic plasticity but impairs glutamatergic neurotransmission in rat hippocampal slices. Enhances activity-dependent plasticity in human adults.

Application Procedures

Dissolved in water (up to 100 mg/ml). Stable for 2 years from date of purchase as supplied. Solutions in distilled water may be stored at -20°C for up to 1 month.

Relative Products

| | |
|---------|---------------------------------------|
| TBI1170 | Mitomycin C |
| TBI1345 | E64, Cysteine protease inhibitor |
| TBI1347 | E64d, Cysteine protease inhibitor |
| TBI2064 | Chromomycin A3 |
| TBI2069 | Cytochalasin B |
| TBI2794 | 5-EDU, DNA Click labeling probe |
| TBI2071 | Cytochalasin D |
| TBI1286 | Bestatin, Aminopeptidase inhibitor |
| TBI2140 | Gemcitabine |
| TBI2058 | Aphidicolin, DNA polymerase Inhibitor |

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