

Catalog	Unit
TBI2693 - 1MG	1 mg
TBI2693 - 5MG	5 mg

Product Details

Formal Name: α -Amino-3-hydroxy-5-isoxazoleacetic acid hydrate

Molecular Formula: $C_5H_6N_2O_4 \cdot H_2O$

Formula Weight: 176.13

CAS Number: 2552-55-8

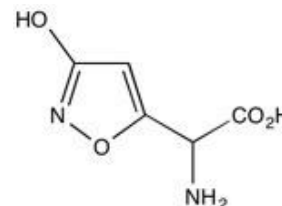
Purity: 98%

Formulation: Powder

Solubility: Soluble in Water (up to 1 mg/ml)

Storage: -20°C

Stability: ≥ 2 years.



Applications

NMDA and mGluR agonist

Functions

Ibotenic acid (60573-88-8) is a conformationally restricted analog of glutamate which occurs naturally in Amanita muscaria and related mushrooms. It is a non-specific glutamate receptor (both NMDA and mGluR) agonist. May be used to induce hippocampal lesioning in rat neurodegeneration models. Induces lesions in the subiculum in a mouse model of Alzheimer's disease.

Application Procedures

Dissolved in distilled water (1 mg/ml). 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

For research use only.