

Catalog	Unit
TBI2453 - 10MG	10 mg
TBI2453 - 50MG	50 mg

Product Details

Formal Name: (2S,3S,4S)-Carboxy-4-(1-methylethenyl)-3-pyrrolidineacetic acid, hydrate

Molecular Formula: C₁₀H₁₅NO₄ (xH₂O)

Formula Weight: 213.24

CAS Number: 487-79-6

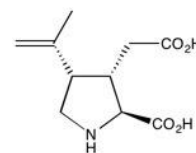
Purity: >98%

Formulation: Powder

Solubility: Soluble in Water (up to 10 mg/ml)

Storage: RT

Stability: ≥ 2 years.



Applications

Kainate receptor agonist; Neurotoxin

Functions

Kainic acid (487-79-6) is a conformationally restricted glutamate analog which acts as a selective agonist at kainate receptors. CNS stimulant and neurotoxin. Kainic acid is a classic neuroexcitatory agent for induction of seizures in laboratory animals (typical dose 10-30 mg/kg).

Application Procedures

Dissolved in water (up to 10 mg/ml). Solutions in distilled water may be stored at -20° for up to 3 months.

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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