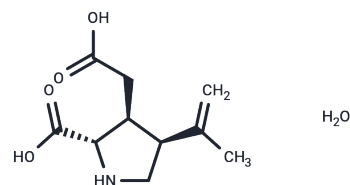


(-)-(α)-Kainic Acid (hydrate)

Chemical Properties

CAS No. :	58002-62-3
Formula:	C ₁₀ H ₁₇ NO ₅
Molecular Weight:	231.25
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	(-)-(α)-Kainic Acid (hydrate) is a potent excitotoxic agent that can induce seizures. (-)-(α)-Kainic Acid (hydrate) is also an agonist of ionotropic glutamate receptor subtypes.
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Solubility Information

Solubility	PBS: 50 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.3243 mL	21.6216 mL	43.2432 mL
5 mM	0.8649 mL	4.3243 mL	8.6486 mL
10 mM	0.4324 mL	2.1622 mL	4.3243 mL
50 mM	0.0865 mL	0.4324 mL	0.8649 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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