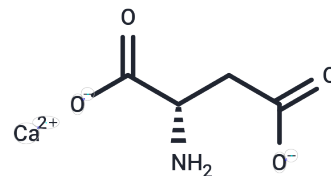


Aspartic acid calcium

Chemical Properties

CAS No. :	10389-09-0
Formula:	C ₄ H ₅ CaNO ₄
Molecular Weight:	171.16
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Aspartic acid calcium (Calcium L-aspartate) (Calcium L-aspartate) is a chelate where calcium is attached to an amino acid naming L-Aspartic acid, which is an amino acid and serves as a building block for proteins in the body.
Targets(IC50)	Others

Solubility Information

Solubility	H ₂ O: 100 mg/mL (584.25 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8425 mL	29.2124 mL	58.4249 mL
5 mM	1.1685 mL	5.8425 mL	11.685 mL
10 mM	0.5842 mL	2.9212 mL	5.8425 mL
50 mM	0.1168 mL	0.5842 mL	1.1685 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.

Reference

Mu'azu ND, et al. Polyaspartate extraction of cadmium ions from contaminated soil: Evaluation and optimization using central composite design. J Hazard Mater. 2017 Aug 8;342:58-68.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481