

Sacubitril-(2S,4S)-Isomer

Chemical Properties

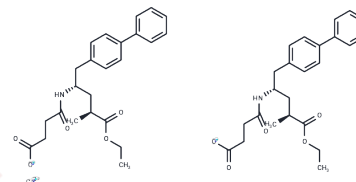
CAS No. :

Formula: C₂₄H₂₈NO₅ 1/2Ca

Molecular Weight: 430.49

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Sacubitril-(2S,4S)-Isomer ((2S,4S)-Sacubitril) is the isomer of Sacubitril which is a neprilysin inhibitor.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (116.15 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3229 mL	11.6147 mL	23.2293 mL
5 mM	0.4646 mL	2.3229 mL	4.6459 mL
10 mM	0.2323 mL	1.1615 mL	2.3229 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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

Shi J, et al. Sacubitril Is Selectively Activated by Carboxylesterase 1 (CES1) in the Liver and the Activation Is Affected by CES1 Genetic Variation. Drug Metab Dispos. 2016 Apr;44(4):554-9.

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