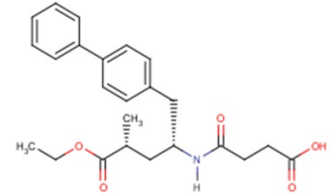


Data Sheet (Cat.No.T19111)

2R,4R-Sacubitril

Chemical Properties

CAS No.:	766480-48-2
Formula:	C ₂₄ H ₂₉ NO ₅
Molecular Weight:	411.49
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	2R,4R-Sacubitril is the impurity of Sacubitril. Sacubitril is used in combination with valsartan for the treatment of patients with heart failure.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.43 mL	12.151 mL	24.302 mL
5 mM	0.486 mL	2.43 mL	4.86 mL
10 mM	0.243 mL	1.215 mL	2.43 mL
50 mM	0.049 mL	0.243 mL	0.486 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481