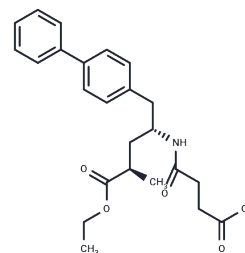


2R,4R-Sacubitril

Chemical Properties

CAS No. :	766480-48-2
Formula:	C ₂₄ H ₂₉ N ₅ O ₅
Molecular Weight:	411.49
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	2R,4R-Sacubitril is an impurity of Sacubitril, which is used in combination with valsartan for the treatment of patients with heart failure.
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4302 mL	12.151 mL	24.3019 mL
5 mM	0.486 mL	2.4302 mL	4.8604 mL
10 mM	0.243 mL	1.2151 mL	2.4302 mL
50 mM	0.0486 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. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481