(Z)2S,4R-Sacubitril

Cat. No.: HY-Z0075

Molecular Formula: $C_{24}H_{27}NO_5$

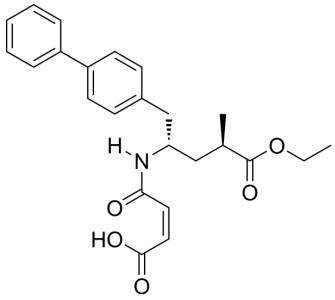
Molecular Weight: 409.47

Target: Drug Metabolite

Pathway: Metabolic Enzyme/Protease

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	2 years
	-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (244.22 mM; Need ultrasonic)

Preparing Stock Solutions

Solvent / Mass / Concentration	1 mg	5 mg	10 mg
1 mM	2.4422 mL	12.2109 mL	24.4218 mL
5 mM	0.4884 mL	2.4422 mL	4.8844 mL
10 mM	0.2442 mL	1.2211 mL	2.4422 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(Z)2S,4R-Sacubitril is the impurity of Sacubitril. Sacubitril is approved by the Food and agent Administration for use in combination with valsartan for the treatment of patients with heart failure.

REFERENCES

[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.

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