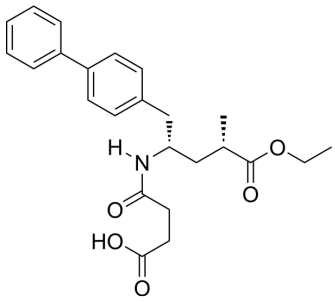
(2S,4S)-Sacubitril

Cat. No.:	HY-78841
CAS No.:	149709-63-7
Molecular Formula:	$C_{24}H_{29}NO_5$
Molecular Weight:	411.49
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Pure form -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	(2S,4S)-Sacubitril is the impurity of Sacubitril. Sacubitril is a potent NEP inhibitor that can be used for the research of heart failure[1][2].
In Vitro	(2S,4S)-Sacubitril is a stereoisomer derived from Sacubitril[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

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.

[2]. Halama A, et, al. Synthesis, Isolation, and Analysis of Stereoisomers of Sacubitril. Org. Process Res. Dev. 2019, 23, 1, 102-107.

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