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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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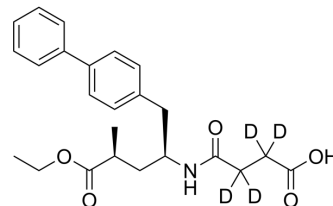
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(2S,4S)-Sacubitril-d₄

Cat. No.:	HY-78841S
Molecular Formula:	C ₂₄ H ₂₅ D ₄ NO ₅
Molecular Weight:	415.52
Target:	Isotope-Labeled Compounds; Drug Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(2S,4S)-Sacubitril-d₄ is deuterium labeled (2S,4S)-Sacubitril. (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]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. 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.
- [3]. Halama A, et, al. Synthesis, Isolation, and Analysis of Stereoisomers of Sacubitril. *Org. Process Res. Dev*. 2019, 23, 1, 102-107.

Caution: Product has not been fully validated for medical applications. For research use only.

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