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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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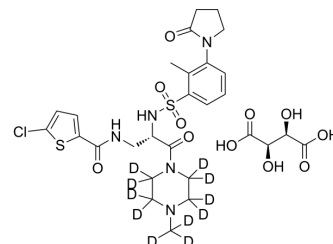
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SAR107375-d₁₁ Tartrate

Cat. No.:	HY-12605S
Molecular Formula:	C ₂₈ H ₂₅ D ₁₁ ClN ₅ O ₁₁ S ₂
Molecular Weight:	729.26
Target:	Isotope-Labeled Compounds; Thrombin
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

SAR107375-d₁₁ (Tartrate) is deuterium labeled SAR107375. SAR107375 is a potent and orally active dual thrombin and factor Xa inhibitor, with K_i values of 1 nM and 8 nM for factor Xa and thrombin, respectively^{[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]. Jerome Meneyrol, et al. 5-Chlorothiophene-2-carboxylic acid [(S)-2-[2-methyl-3-(2-oxopyrrolidin-1-yl)benzenesulfonylamino]-3-(4-methylpiperazin-1-yl)-3-oxopropyl]amide (SAR107375), a selective and potent orally active dual thrombin and factor Xa inhibitor. *J Med Chem*. 2013 Dec 12;56(23):9441-56.

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

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