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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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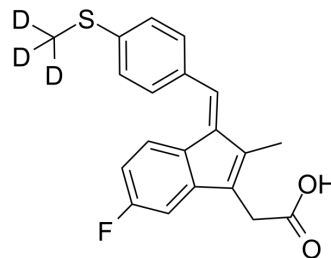
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Sulindac sulfide-d3

Cat. No.:	HY-B1786S
CAS No.:	250608-66-3
Molecular Formula:	C ₂₀ H ₁₄ D ₃ FO ₂ S
Molecular Weight:	343.43
Target:	γ-secretase
Pathway:	Neuronal Signaling; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Sulindac sulfide-d3 is deuterium labeled Sulindac sulfide. Sulindac sulfide is a noncompetitive γ-secretase inhibitor, with an IC50 of 20.2 μM for γ42-secretase activity.
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019;53(2):211-216.
- [2]. Takahashi Y, et al. Sulindac sulfide is a noncompetitive gamma-secretase inhibitor that preferentially reduces Abeta 42 generation. *J Biol Chem*. 2003 May 16;278(20):18664-70.

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

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