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Produktinformation

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- Diagnostik & molekulare Diagnostik
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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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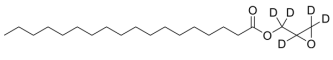
Glycidyl stearate-d_5

Cat. No.:	HY-W011188S
CAS No.:	1346598-19-3
Molecular Formula:	$C_{21}H_{35}D_5O_3$
Molecular Weight:	345.57
Target:	Isotope-Labeled Compounds
Pathway:	Others

Storage:

Powder	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month



BIOLOGICAL ACTIVITY

Description	Glycidyl stearate-d_5 is a deuterium labeled Glycidyl stearate (HY-W011188). Oxiran-2-ylmethyl stearate is a compound belonging to the class of esters. It contains reactive oxirane or epoxy groups that give the molecule its unique properties. Oxiran-2-ylmethyl stearate is derived from stearic acid and epichlorohydrin, which are naturally occurring substances. Glycidyl stearate is commonly used in various industrial applications such as the production of coatings, adhesives and surfactants. It can also be used as a crosslinking agent in the manufacture of polymers and resins.
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 Feb;53(2):211-246.

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