



SZABO SCANDIC

Part of Europa Biosite

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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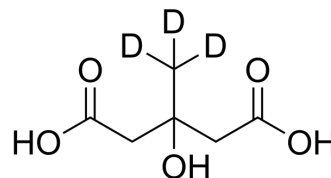
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Meglutol-d3

Cat. No.:	HY-B1189S
CAS No.:	59060-36-5
Molecular Formula:	C ₆ H ₇ D ₃ O ₅
Molecular Weight:	165.16
Target:	Autophagy; HMG-CoA Reductase (HMGCR); Endogenous Metabolite
Pathway:	Autophagy; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Meglutol-d ₃ is the deuterium labeled Meglutol[1]. Meglutol is an antilipemic agent which lowers cholesterol, triglycerides, serum beta-lipoproteins and phospholipids, and inhibits the activity of hydroxymethylglutaryl CoA reductases, which is the rate limiting enzyme in the biosynthesis of cholesterol.
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):211-216.

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

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