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Produktinformation



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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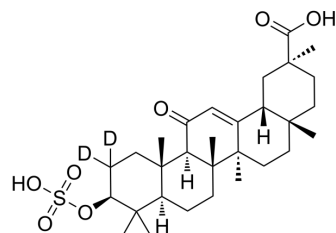
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18β-Glycyrrhetyl-3-O-sulfate-d₂

Cat. No.:	HY-148682S1
Molecular Formula:	C ₃₀ H ₄₄ D ₂ O ₇ S
Molecular Weight:	552.76
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 100 mg/mL (180.91 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		1.8091 mL	9.0455 mL	18.0910 mL
	5 mM		0.3618 mL	1.8091 mL	3.6182 mL
	10 mM		0.1809 mL	0.9046 mL	1.8091 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

18β-Glycyrrhetyl-3-O-sulfate-d₂ is the deuterium labeled 18β-Glycyrrhetyl-3-O-sulfate (HY-148682)[1].

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):211-237.

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

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