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Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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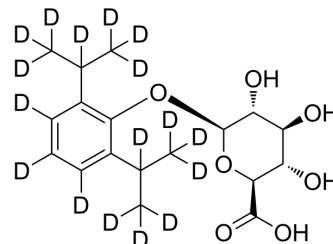
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Propofol-d₁₇ β-D-glucuronide

Cat. No.:	HY-118774S
CAS No.:	1683581-05-6
Molecular Formula:	C ₁₈ H ₉ D ₁₇ O ₇
Molecular Weight:	371.5
Target:	Isotope-Labeled Compounds
Pathway:	Others
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

Ethanol : ≥ 30 mg/mL (80.75 mM)
 Ethanol : ≥ 30 mg/mL (80.75 mM)
 DMF : ≥ 30 mg/mL (80.75 mM)
 DMSO : ≥ 30 mg/mL (80.75 mM)
 DMF : ≥ 30 mg/mL (80.75 mM)
 DMSO : ≥ 30 mg/mL (80.75 mM)
 PBS (pH 7.2) : ≥ 10 mg/mL (26.92 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.6918 mL	13.4590 mL	26.9179 mL
	5 mM		0.5384 mL	2.6918 mL	5.3836 mL
	10 mM		0.2692 mL	1.3459 mL	2.6918 mL

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

BIOLOGICAL ACTIVITY

Description

Propofol-d₁₇ β-D-glucuronide is the deuterium labeled Propofol β-D-glucuronide[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

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

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