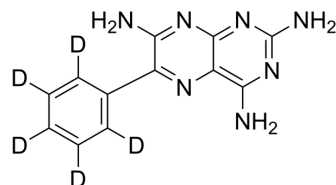


Triamterene-d₅

Cat. No.:	HY-B0575S		
CAS No.:	1189922-23-3		
Molecular Formula:	C ₁₂ H ₆ D ₅ N ₇		
Molecular Weight:	258.29		
Target:	Sodium Channel		
Pathway:	Membrane Transporter/Ion Channel		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : ≥ 1 mg/mL (3.87 mM)
 DMSO:PBS(pH 7.2) (1:4) : ≥ 0.2 mg/mL (0.77 mM)
 * "≥" means soluble, but saturation unknown.

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.8716 mL	19.3581 mL	38.7162 mL
	5 mM	---	---	---
	10 mM	---	---	---

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

BIOLOGICAL ACTIVITY

Description

Triamterene-d₅ is deuterium labeled Triamterene, which can block epithelial Na⁺ channel (ENaC) in a voltage-dependent manner, which used as a mild diuretic.

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

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