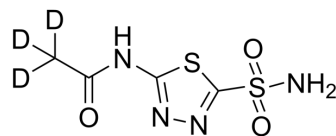


Acetazolamide-d₃

Cat. No.:	HY-B0782S	
CAS No.:	1189904-01-5	
Molecular Formula:	C ₄ H ₃ D ₃ N ₄ O ₃ S ₂	
Molecular Weight:	225.26	
Target:	Carbonic Anhydrase	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Powder	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (221.97 mM; Need ultrasonic)
 H₂O : 0.1 mg/mL (0.44 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.4393 mL	22.1966 mL	44.3931 mL
	5 mM	0.8879 mL	4.4393 mL	8.8786 mL
	10 mM	0.4439 mL	2.2197 mL	4.4393 mL

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

BIOLOGICAL ACTIVITY

Description

Acetazolamide-d₃ is deuterium labeled Acetazolamide, which is a potent carbonic anhydrase (CA) inhibitor.

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

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