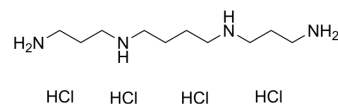


Spermine tetrahydrochloride

Cat. No.:	HY-B1777A
CAS No.:	306-67-2
Molecular Formula:	C ₁₀ H ₃₀ Cl ₄ N ₄
Molecular Weight:	348.18
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (143.60 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.8721 mL	14.3604 mL	28.7208 mL
	5 mM	0.5744 mL	2.8721 mL	5.7442 mL
	10 mM	0.2872 mL	1.4360 mL	2.8721 mL

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

BIOLOGICAL ACTIVITY

Description

Spermine tetrahydrochloride is an endogenous metabolite.

IC₅₀ & Target

Microbial Metabolite

Human Endogenous Metabolite

CUSTOMER VALIDATION

- Basic Res Cardiol. 2021 Dec 16;116(1):65.
- Acta Physiol. 2023 Jan 6;e13926.
- Virus Res. 2022 Feb 11;312:198708.

See more customer validations on www.MedChemExpress.com

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

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