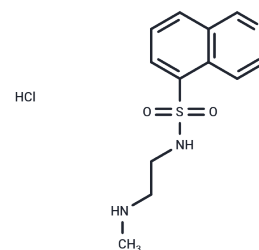


H-8 hydrochloride

Chemical Properties

CAS No. :	113276-94-1
Formula:	C ₁₂ H ₁₇ ClN ₃ O ₂ S
Molecular Weight:	338.25
Appearance:	no data available
Storage:	keep away from moisture
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	H-8 hydrochloride is a reversible and ATP-competitive PKA inhibitor. It can be used to study metabolic diseases.
Targets(IC ₅₀)	PKA

Solubility Information

Solubility	DMSO: 15 mg/mL (44.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9564 mL	14.782 mL	29.5639 mL
5 mM	0.5913 mL	2.9564 mL	5.9128 mL
10 mM	0.2956 mL	1.4782 mL	2.9564 mL
50 mM	0.0591 mL	0.2956 mL	0.5913 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Niisato N, et al. Effects of PKA inhibitors, H-compounds, on epithelial Na⁺ channels via PKA-independent mechanisms. Life Sci. 1999;65(10):PL109-14.

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