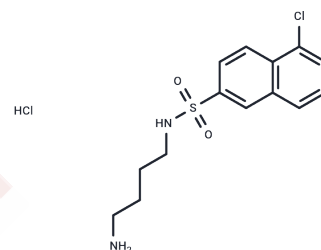


W-13 hydrochloride

Chemical Properties

CAS No. :	88519-57-7
Formula:	C ₁₄ H ₁₈ Cl ₂ N ₂ O ₂ S
Molecular Weight:	349.28
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	W-13 hydrochloride (W-13 HCl) is a calmodulin antagonist.
Targets(IC ₅₀)	CaMK

Solubility Information

Solubility	DMSO: 31.5 mg/mL (90.19 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	2.863 mL	14.3152 mL	28.6303 mL
5 mM	0.5726 mL	2.863 mL	5.7261 mL
10 mM	0.2863 mL	1.4315 mL	2.863 mL
50 mM	0.0573 mL	0.2863 mL	0.5726 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Noriko Koizumi, et al. Combined agent for cell therapy of corneal endothelial cell. US10959997B2

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