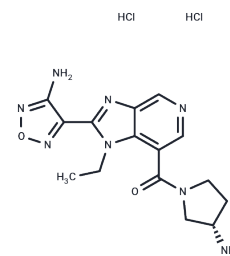


SB-772077B dihydrochloride

Chemical Properties

CAS No. :	607373-46-6
Formula:	C ₁₅ H ₂₀ Cl ₂ N ₈ O ₂
Molecular Weight:	415.28
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	SB-772077B dihydrochloride is an aminofurazan-based Rho kinase inhibitor with IC ₅₀ values of 5.6 nM for ROCK1 and 6 nM for ROCK2.
Targets(IC ₅₀)	ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.408 mL	12.0401 mL	24.0801 mL
5 mM	0.4816 mL	2.408 mL	4.816 mL
10 mM	0.2408 mL	1.204 mL	2.408 mL
50 mM	0.0482 mL	0.2408 mL	0.4816 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

Doe C, et al. Novel Rho kinase inhibitors with anti-inflammatory and vasodilatory activities. J Pharmacol Exp Ther. 2007 Jan;320(1):89-98.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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