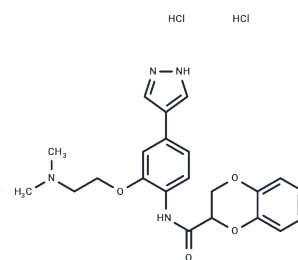


SR 3677 dihydrochloride

Chemical Properties

CAS No. : 1781628-88-3
 Formula: C₂₂H₂₆Cl₂N₄O₄
 Molecular Weight: 481.37
 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	Potent and selective Rho-kinase inhibitor (IC ₅₀ values are 3 and 56 nM for ROCK-II and ROCK-I respectively).
Targets(IC ₅₀)	Others, Autophagy, ROCK

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0774 mL	10.387 mL	20.774 mL
5 mM	0.4155 mL	2.0774 mL	4.1548 mL
10 mM	0.2077 mL	1.0387 mL	2.0774 mL
50 mM	0.0415 mL	0.2077 mL	0.4155 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

Feng et al (2008) Discovery of substituted 4-(pyrazol-4-yl)-phenylbenzodioxane-2-carboxamides as potent and highly selective Rho kinase (ROCK-II) inhibitors. J.Med.Chem. 51 6642 PMID:18834107

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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