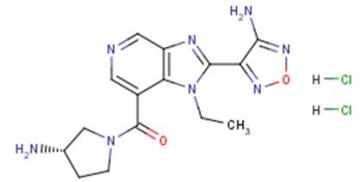


## Data Sheet (Cat.No.T16855)

SB-772077B dihydrochloride

### Chemical Properties

CAS No.:	607373-46-6
Formula:	C <sub>15</sub> H <sub>20</sub> Cl <sub>2</sub> N <sub>8</sub> O <sub>2</sub>
Molecular Weight:	415.28
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



### Biological Description

Description	SB-772077B dihydrochloride is an aminofurazan-based Rho kinase inhibitor (IC <sub>50</sub> s: 5.6 nM and 6 nM toward ROCK1 and ROCK2, respectively).
Targets(IC <sub>50</sub> )	ROCK1: 5.6 nM ROCK2: 6 nM

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.408 mL	12.04 mL	24.08 mL
5 mM	0.482 mL	2.408 mL	4.816 mL
10 mM	0.241 mL	1.204 mL	2.408 mL
50 mM	0.048 mL	0.241 mL	0.482 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

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

Inhibitors · Natural Compounds · Compound Libraries

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