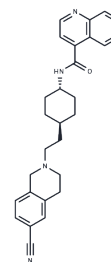


SB-277011

## Chemical Properties

CAS No. : 215803-78-4  
 Formula: C<sub>28</sub>H<sub>30</sub>N<sub>4</sub>O  
 Molecular Weight: 438.56  
 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-277011 (SB-277011A) is a specific antagonist of the dopamine D3 receptor with pKi values of 8.0, 6.0, 5.0, and <5.2 for D3 receptor, D2 receptor, 5-HT1D, and 5-HT1B respectively.
Targets(IC50)	Dopamine Receptor

## Solubility Information

Solubility	DMSO: 4.39 mg/mL (10.01 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	2.2802 mL	11.4009 mL	22.8019 mL
5 mM	0.456 mL	2.2802 mL	4.5604 mL
10 mM	0.228 mL	1.1401 mL	2.2802 mL
50 mM	0.0456 mL	0.228 mL	0.456 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

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