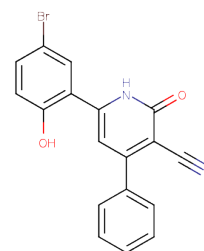


TCS PIM-1 1

Chemical Properties

CAS No. :	491871-58-0
Formula:	C ₁₈ H ₁₁ BrN ₂ O ₂
Molecular Weight:	367.2
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	TCS PIM-1 1 (SC 204330)(sc-204330) is a effective and specific ATP-competitive Pim-1 kinase inhibitor (IC ₅₀ : 50 nM) , exhibits good specific over MEK1/MEK2 and Pim-2(IC ₅₀ s >20, 000 nM).
Targets(IC ₅₀)	Pim

Solubility Information

Solubility	DMSO: 100 mM, < 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7233 mL	13.6166 mL	27.2331 mL
5 mM	0.5447 mL	2.7233 mL	5.4466 mL
10 mM	0.2723 mL	1.3617 mL	2.7233 mL
50 mM	0.0545 mL	0.2723 mL	0.5447 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.

Reference

Cheney IW, et al. Bioorg Med Chem Lett. 2007 Mar 15;17(6):1679-83.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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