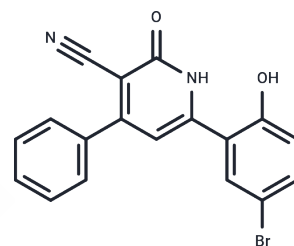


## TCS PIM-1 1

## Chemical Properties

CAS No. :	491871-58-0
Formula:	C <sub>18</sub> H <sub>11</sub> BrN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	367.2
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	TCS PIM-1 1 (SC 204330)(sc-204330) is an effective and specific ATP-competitive Pim-1 kinase inhibitor (IC <sub>50</sub> : 50 nM), exhibiting good specificity over MEK1/MEK2 and Pim-2 (IC <sub>50</sub> s > 20,000 nM).
Targets(IC <sub>50</sub> )	Pim

## Solubility Information

Solubility	DMSO: 16.67 mg/mL (45.4 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	2.7233 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.

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

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

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