# Data Sheet (Cat.No.T28773)



### SI-2

**Chemical Properties** 

CAS No. : Formula : Molecular Weight : Appearance : Storage :	223788-33-8 C15H15N5 265.31 no data available Powder: -20°C for 3 years   In solvent: -80°C for 1 year	
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year	_

<b>Biological Description</b>	
Description	SI-2 is an inhibitor (SMI) of steroid receptor coactivator-3 (SRC-3 or AIB1). SI-2 can selectively reduce the transcriptional activities and the protein concentrations of SRC-3 in cells, and selectively induce breast cancer cell death with IC50 values in the low nanomolar range (3-20 nM), but not affect normal cell viability.
Targets(IC50)	Others

Solubility Information		
Solubility	DMSO: 55 mg/mL (207.3 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)	

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7692 mL	18.8459 mL	37.6918 mL
5 mM	0.7538 mL	3.7692 mL	7.5384 mL
10 mM	0.3769 mL	1.8846 mL	3.7692 mL
50 mM	0.0754 mL	0.3769 mL	0.7538 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

Rohira AD, et al. Targeting SRC Coactivators Blocks the Tumor-Initiating Capacity of Cancer Stem-like Cells. Cancer Res. 2017 Aug 15;77(16):4293-4304.

## Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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