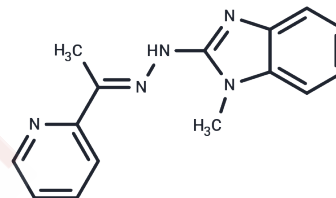


(E)-SI-2

Chemical Properties

CAS No. : 380537-35-9
 Formula: C₁₅H₁₅N₅
 Molecular Weight: 265.31
 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	(E)-SI-2 is a potent small-molecule inhibitor of steroid receptor coactivator-3 (SRC-3 or AIB1) that can selectively inhibit the intrinsic transcriptional activities of SRC-3, also inhibits SRC-1 and SRC-2. It selectively reduces cellular protein levels of SRC-3, but not that of CARM-1, blocks MDA-MB-468 cell growth with an IC ₅₀ value of 3.4 nM, but spares normal cells.
Targets(IC ₅₀)	Others

Solubility Information

Solubility DMSO: 50 mg/mL (188.46 mM), Sonication is recommended.
 (< 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.

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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