

HMS-I2

Chemical Properties

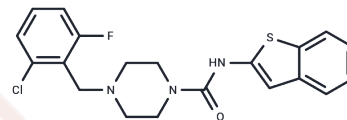
CAS No. : 690626-60-9

Formula: C₂₀H₁₉ClFN₃O₅

Molecular Weight: 403.9

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	HMS-I2 is a chemical probe used to form heterochromatin. It works by disrupting heterochromatin mediated transcriptional gene silencing.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4759 mL	12.3793 mL	24.7586 mL
5 mM	0.4952 mL	2.4759 mL	4.9517 mL
10 mM	0.2476 mL	1.2379 mL	2.4759 mL
50 mM	0.0495 mL	0.2476 mL	0.4952 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

Castonguay E, White SA, Kagansky A, St-Cyr DJ, Castillo AG, Brugger C, White R, Bonilla C, Spitzer M, Earnshaw WC, Schalch T, Ekwall K, Tyers M, Allshire RC. Panspecies small-molecule disruptors of heterochromatin-mediated transcriptional gene silencing. Mol Cell Biol. 2015 Feb;35(4):662-74. doi: 10.1128/MCB.01102-14. Epub 2014 Dec 8. PubMed PMID: 25487573; PubMed Central PMCID: PMC4301722.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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