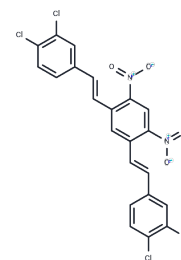


NSC-636819

Chemical Properties

CAS No. : 1618672-71-1
 Formula: C₂₂H₁₂Cl₄N₂O₄
 Molecular Weight: 510.15
 Storage: Store at low temperature
 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	NSC-636819 is a selective KDM4A/KDM4B inhibitor with potential anticancer activity and can be used for prostate cancer research.
Targets(IC50)	Histone Demethylase

Solubility Information

Solubility	DMSO: 4 mg/mL (7.84 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	1.9602 mL	9.801 mL	19.6021 mL
5 mM	0.392 mL	1.9602 mL	3.9204 mL
10 mM	0.196 mL	0.9801 mL	1.9602 mL
50 mM	0.0392 mL	0.196 mL	0.392 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

Chu CH, et al. KDM4B as a target for prostate cancer: structural analysis and selective inhibition by a novel inhibitor. J Med Chem. 2014 Jul 24;57(14):5975-85.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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