# Data Sheet (Cat.No.T12943)



#### SNDX-5613

### **Chemical Properties**

CAS No.: 2169919-21-3

Formula: C32H47FN6O4S

Molecular Weight: 630.82

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

## **Biological Description**

Description	SNDX-5613 is a potent and specific inhibitor of Menin-MLL(Ki of 0.149 nM and a cell based IC50 of 10-20 nM). SNDX-5613 can be used for the research of MLL-rearranged (MLL-r) acute leukemias.
Targets(IC50)	Epigenetic Reader Domain, Histone Methyltransferase
In vivo	SNDX-5613 treatment provides significant survival benefit and leukemic control in aggressive MOLM-13 disseminated xenografts.SNDX-5613 shows in vivo plasma(IC50: 53 nM).

# **Solubility Information**

Solubility	DMSO: 60 mg/mL (95.11 mM),Sonication is recommended.
	(< 1 mg/ml refers to the product slightly soluble or insoluble)

#### **Preparing Stock Solutions**

.,(0)	1mg	5mg	10mg
1 mM	1.5852 mL	7.9262 mL	15.8524 mL
5 mM	0.317 mL	1.5852 mL	3.1705 mL
10 mM	0.1585 mL	0.7926 mL	1.5852 mL
50 mM	0.0317 mL	0.1585 mL	0.317 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

A drug, SNDX-5613, to treat acute leukemia with a KMT2A translocation or an NPM1 mutation that has come back (relapsed) or has not gotten better with treatment (refractory).

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