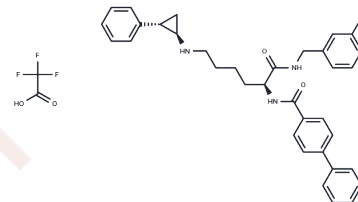


NCD38

Chemical Properties

CAS No. : 2078047-42-2
 Formula: C37H37ClF3N3O4
 Molecular Weight: 680.16
 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	NCD38 is a selective LSD1 (lysine-specific demethylase 1) inhibitor that activates super-enhancers and myeloid cell development programmes, exhibiting anti-leukaemia activity.
Targets(IC50)	Histone Demethylase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4702 mL	7.3512 mL	14.7024 mL
5 mM	0.294 mL	1.4702 mL	2.9405 mL
10 mM	0.147 mL	0.7351 mL	1.4702 mL
50 mM	0.0294 mL	0.147 mL	0.294 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

G R Sareddy, et al. Novel KDM1A inhibitors induce differentiation and apoptosis of glioma stem cells via unfolded protein response pathway. *Oncogene*. 2017 Apr 27;36(17):2423-2434.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481