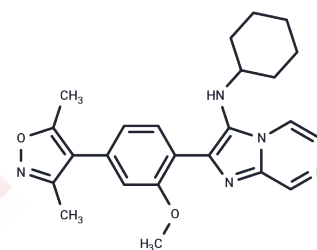


UMB-136

Chemical Properties

CAS No. : 2109805-83-4
 Formula: C₂₄H₂₇N₅O₂
 Molecular Weight: 417.5
 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	UMB-136 is a bromodomain BRD4 inhibitor that acts by significantly inducing HIV-1 reactivation.
Targets(IC50)	Others,Epigenetic Reader Domain,HIV Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3952 mL	11.976 mL	23.9521 mL
5 mM	0.479 mL	2.3952 mL	4.7904 mL
10 mM	0.2395 mL	1.1976 mL	2.3952 mL
50 mM	0.0479 mL	0.2395 mL	0.479 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

Huang H, Liu S, Jean M, Simpson S, Huang H, Merkley M, Hayashi T, Kong W, Rodríguez-Sánchez I, Zhang X, Yosief HO, Miao H, Que J, Kobie JJ, Bradner J, Santoso NG, Zhang W, Zhu J. A Novel Bromodomain Inhibitor Reverses HIV-1 Latency through Specific Binding with BRD4 to Promote Tat and P-TEFb Association. *Front Microbiol.* 2017 Jun 7;8: 1035. doi: 10.3389/fmicb.2017.01035. eCollection 2017. PubMed PMID: 28638377; PubMed Central PMCID: PMC5461361.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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