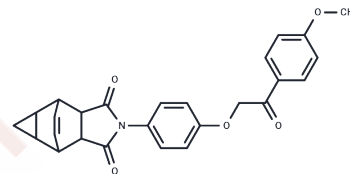


MM0299

Chemical Properties

CAS No. : 474255-10-2
 Formula: C₂₆H₂₃NO₅
 Molecular Weight: 429.46
 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	MM0299 is brain permeable, has anti-glioblastoma activity, inhibits lanosterol synthase (LSS), and induces EPC production in in situ GBM tumors.
Targets(IC50)	Others,Cytochromes P450

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3285 mL	11.6425 mL	23.2851 mL
5 mM	0.4657 mL	2.3285 mL	4.657 mL
10 mM	0.2329 mL	1.1643 mL	2.3285 mL
50 mM	0.0466 mL	0.2329 mL	0.4657 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

Nguyen TP, et al. Selective and brain-penetrant lanosterol synthase inhibitors target glioma stem-like cells by inducing 24(S),25-epoxycholesterol production. Cell Chem Biol. 2023 Feb 16;30(2):214-229.e18.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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