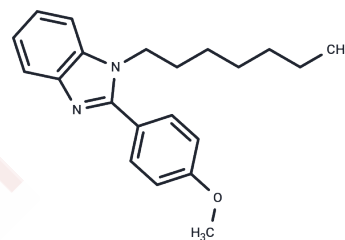


Antiproliferative agent-33

Chemical Properties

CAS No. : 477542-73-7
 Formula: C₂₁H₂₆N₂O
 Molecular Weight: 322.44
 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	Antiproliferative Agent-33 (Compound 2g) serves as an anti-proliferative, antifungal, and antibacterial agent, effectively inhibiting the proliferation of MDA-MB-231 cells (IC ₅₀ : 16.38 μM), impairing the growth of gram-negative bacteria, and restraining <i>S. faecalis</i> with an MIC of 8 μg/mL [1].
Targets(IC ₅₀)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1014 mL	15.5068 mL	31.0135 mL
5 mM	0.6203 mL	3.1014 mL	6.2027 mL
10 mM	0.3101 mL	1.5507 mL	3.1014 mL
50 mM	0.062 mL	0.3101 mL	0.6203 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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