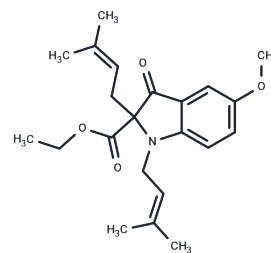


LipidGreen 2

Chemical Properties

CAS No. :	1382764-52-4
Formula:	C ₂₂ H ₂₉ N ₁ O ₄
Molecular Weight:	371.47
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	LipidGreen 2, a second-generation small molecule probe for lipid imaging, offers an enhanced fluorescence signal compared to the original LipidGreen. It selectively stains neutral lipids in cells and fat deposits in live zebrafish [1].
Targets(IC50)	Others
In vitro	LipidGreen 2 (10 mM) stains the surface of a spherical intracellular structure in undifferentiated 3T3-L1 cells, which are differentiated through treatment with IBMX, dexamethasone, and insulin [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.692 mL	13.460 mL	26.9201 mL
5 mM	0.5384 mL	2.692 mL	5.384 mL
10 mM	0.2692 mL	1.346 mL	2.692 mL
50 mM	0.0538 mL	0.2692 mL	0.5384 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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