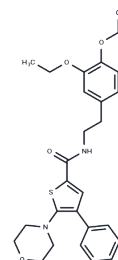


ML-262

Chemical Properties

CAS No. : 902502-82-3
Formula: C₂₇H₃₂N₂O₄S
Molecular Weight: 480.62
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ML-262 is an inhibitor of hepatic lipid droplet formation (IC ₅₀ = 6.4 nM in murine AML-12 cells), which is associated with non-alcoholic fatty liver disease. ML-262 does not induce cytotoxicity (up to 33 µM) or inhibit fatty acid uptake (up to 50 µM).
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Solubility Information

Solubility	DMSO: 25 mg/mL DMSO:PBS (pH 7.2) (1:2): 0.33 mg/mL DMF: 12.5 mg/mL (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0806 mL	10.4032 mL	20.8065 mL
5 mM	0.4161 mL	2.0806 mL	4.1613 mL
10 mM	0.2081 mL	1.0403 mL	2.0806 mL
50 mM	0.0416 mL	0.2081 mL	0.4161 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

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