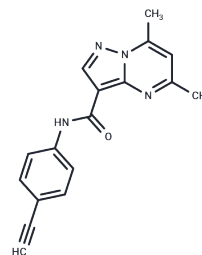


ML198

Chemical Properties

CAS No. : 1380716-06-2
Formula: C₁₇H₁₄N₄O
Molecular Weight: 290.32
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	ML198 is a novel activator and non-inhibitory chaperone of glucocerebrosidase. ML198 serves as a starting point to develop a novel approach towards small molecule treatment for patients suffering from Gaucher disease.
Targets(IC50)	Glucokinase

Solubility Information

Solubility	DMSO: 2.9 mg/ml (10 mM), Sonication is recommended. H ₂ O: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4445 mL	17.2224 mL	34.4448 mL
5 mM	0.6889 mL	3.4445 mL	6.889 mL
10 mM	0.3444 mL	1.7222 mL	3.4445 mL
50 mM	0.0689 mL	0.3444 mL	0.6889 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.

Reference

Rogers S , Patnaik S , Schoenen F , et al. Discovery, SAR, and Biological Evaluation of Non-inhibitory Chaperones of Glucocerebrosidase[M]. PubMed, 2010.

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