

ML247

## Chemical Properties

CAS No. : 1222374-44-8  
Formula: C<sub>18</sub>H<sub>24</sub>N<sub>4</sub>O<sub>3</sub>S  
Molecular Weight: 376.48  
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	ML247 is a non-inhibitory and selective small molecule chaperone for acid $\alpha$ -glucosidase. ML247 can be utilized in the research of metabolic disorders such as Pompe disease.
Targets(IC50)	glycosidase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6562 mL	13.2809 mL	26.5618 mL
5 mM	0.5312 mL	2.6562 mL	5.3124 mL
10 mM	0.2656 mL	1.3281 mL	2.6562 mL
50 mM	0.0531 mL	0.2656 mL	0.5312 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.

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