

G247

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>19</sub>Cl<sub>2</sub>F<sub>3</sub>O<sub>3</sub>

Molecular Weight: 445.31

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	G247 is a specific inhibitor of MsbA, a wedge of transmembrane structural domains (TMDs) that symmetrically enhances the separation of nucleotide-binding domains (NBDs) and prevents conformational transitions of MsbA. G247 increases the distance between NBDs, thereby inhibiting ATPase activity.
Targets(IC50)	Others,Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2456 mL	11.2281 mL	22.4563 mL
5 mM	0.4491 mL	2.2456 mL	4.4913 mL
10 mM	0.2246 mL	1.1228 mL	2.2456 mL
50 mM	0.0449 mL	0.2246 mL	0.4491 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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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481