

E722-2648

## Chemical Properties

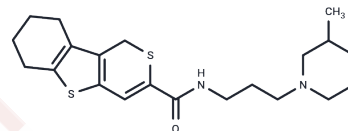
CAS No. : 931963-55-2

Formula: C<sub>21</sub>H<sub>30</sub>N<sub>2</sub>O<sub>5</sub>S<sub>2</sub>

Molecular Weight: 390.61

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	E722-2648 is a potent inhibitor of the $\beta$ -catenin/BCL9 complex, specifically preventing its formation and inhibiting Wnt activity. It disrupts cholesterol homeostasis through increased cholesterol esterification and accumulation of lipid droplets. Additionally, E722-2648 exhibits antitumor activity [1].
Targets(IC50)	Wnt/beta-catenin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5601 mL	12.8005 mL	25.601 mL
5 mM	0.512 mL	2.5601 mL	5.1202 mL
10 mM	0.256 mL	1.280 mL	2.5601 mL
50 mM	0.0512 mL	0.256 mL	0.512 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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