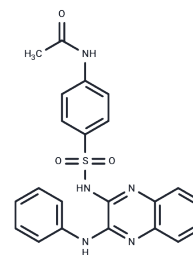


BMD4503-1

## Chemical Properties

CAS No. : 301357-76-6  
 Formula: C<sub>22</sub>H<sub>19</sub>N<sub>5</sub>O<sub>3</sub>S  
 Molecular Weight: 433.483  
 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	BMD4503-1 is a quinoxaline derivative that can inhibit the interaction between LRP5/6 and sclerostin, thereby modulating the Wnt signaling pathway.
Targets(IC50)	Wnt/beta-catenin

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3069 mL	11.5346 mL	23.0691 mL
5 mM	0.4614 mL	2.3069 mL	4.6138 mL
10 mM	0.2307 mL	1.1535 mL	2.3069 mL
50 mM	0.0461 mL	0.2307 mL	0.4614 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