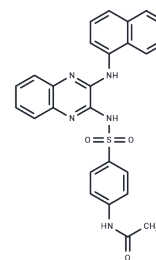


BMD4503-2

Chemical Properties

CAS No. : 301357-87-9
 Formula: C₂₆H₂₁N₅O₃S
 Molecular Weight: 483.54
 Storage: Store at low temperature
 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	BMD4503-2 is a competitive inhibitor of the LRP5/6-sclerostin complex that restores the activity of the Wnt/ β -catenin signaling pathway and can be used for cancer research.
Targets(IC ₅₀)	Others,Wnt/beta-catenin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0681 mL	10.3404 mL	20.6808 mL
5 mM	0.4136 mL	2.0681 mL	4.1362 mL
10 mM	0.2068 mL	1.034 mL	2.0681 mL
50 mM	0.0414 mL	0.2068 mL	0.4136 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.

Reference

Zhang, Y., & Wang, X. (2020). Targeting the Wnt/ β -catenin signaling pathway in cancer. *Journal of Hematology & Oncology*, 13(1).

Choi J, Lee K, Kang M, Lim SK, Tai No K. In silico discovery of quinoxaline derivatives as novel LRP5/6-sclerostin interaction inhibitors. *Bioorg Med Chem Lett*. 2018 Apr 1;28(6):1116-1121.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481