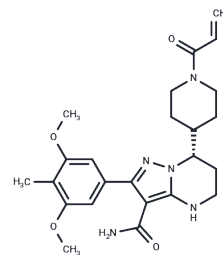


BGB-8035

## Chemical Properties

CAS No. : 2283349-24-4  
 Formula: C<sub>24</sub>H<sub>31</sub>N<sub>5</sub>O<sub>4</sub>  
 Molecular Weight: 453.53  
 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	BGB-8035 is an orally available, selective and potent BTK inhibitor with antitumor activity that inhibits BTK, TEC and EGFR. BGB-8035 is used in the study of tumors and autoimmune diseases.
Targets(IC50)	EGFR, BTK
In vivo	In 9-week-old female NOD/SCID mice harboring REC-1 MCL xenografts, BGB-8035 (administered at doses of 7.5, 15, and 30 mg/kg; oral dosing; twice daily) exhibited dose-dependent antitumor activity, with corresponding Tumor Growth Inhibition (TGI) values of 64.1%, 73.6%, and 79.9%, respectively[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2049 mL	11.0246 mL	22.0493 mL
5 mM	0.441 mL	2.2049 mL	4.4099 mL
10 mM	0.2205 mL	1.1025 mL	2.2049 mL
50 mM	0.0441 mL	0.2205 mL	0.441 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

Yunhang Guo, et al. Discovery of BGB-8035, a Highly Selective Covalent Inhibitor of Bruton's Tyrosine Kinase for B-Cell Malignancies and Autoimmune Diseases. J Med Chem. 2023 Mar 23;66(6):4025-4044.

**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