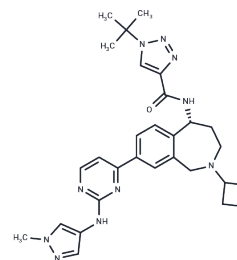


BIIB091

## Chemical Properties

CAS No. : 2247614-80-6  
 Formula: C<sub>28</sub>H<sub>34</sub>N<sub>10</sub>O<sub>2</sub>  
 Molecular Weight: 542.648  
 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	BIIB091 is a highly selective, reversible BTK inhibitor for treating autoimmune diseases.
Targets(IC50)	Others,BTK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8428 mL	9.214 mL	18.4281 mL
5 mM	0.3686 mL	1.8428 mL	3.6856 mL
10 mM	0.1843 mL	0.9214 mL	1.8428 mL
50 mM	0.0369 mL	0.1843 mL	0.3686 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

Hopkins BT, et al. Discovery and Preclinical Characterization of BIIB091, a Reversible, Selective BTK Inhibitor for the Treatment of Multiple Sclerosis. J Med Chem. 2021 Nov 4.

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