

AS-1763

Chemical Properties

CAS No. : 2227211-00-7

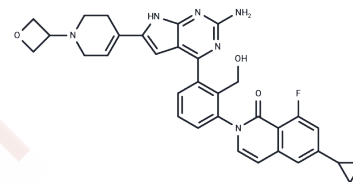
Formula: C33H31FN6O3

Molecular Weight: 578.64

Store at low temperature

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	AS-1763 is an orally available and selective BTK inhibitor with an IC50 of 0.85 nM.
Targets(IC50)	BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7282 mL	8.641 mL	17.2819 mL
5 mM	0.3456 mL	1.7282 mL	3.4564 mL
10 mM	0.1728 mL	0.8641 mL	1.7282 mL
50 mM	0.0346 mL	0.1728 mL	0.3456 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

Kawahata W, et al. Discovery of AS-1763: A Potent, Selective, Noncovalent, and Orally Available Inhibitor of Bruton's Tyrosine Kinase. *J Med Chem.* 2021 Oct 14;64(19):14129-14141.

Issahaku AR, Soliman MES. Investigating The Impact of Covalent and Non-covalent Binding Modes of Inhibitors on Bruton's Tyrosine Kinase in the Treatment of B Cell Malignancies-Computational Insights. *Curr Pharm Biotechnol.* 2022 Jun 17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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