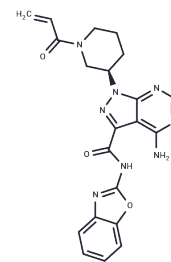


Midobrutinib

Chemical Properties

CAS No. :	1654727-33-9
Formula:	C ₂₁ H ₂₀ N ₈ O ₃
Molecular Weight:	432.44
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	Midobrutinib (Example 13) is a BTK inhibitor with an IC ₅₀ value of 0.813 nM. It is utilized in the study of BTK-associated diseases, particularly cancer.
Targets(IC ₅₀)	BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3125 mL	11.5623 mL	23.1246 mL
5 mM	0.4625 mL	2.3125 mL	4.6249 mL
10 mM	0.2312 mL	1.1562 mL	2.3125 mL
50 mM	0.0462 mL	0.2312 mL	0.4625 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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