

Sofnobrutinib

Chemical Properties

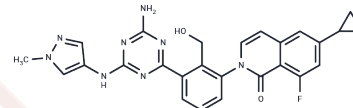
CAS No. : 1646608-10-7

Formula: C₂₆H₂₃FN₈O₂

Molecular Weight: 498.51

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	Sofnobrutinib (AS-0871) is an orally active, selective inhibitor of Bruton's tyrosine kinase (BTK) with IC ₅₀ values of 4.2 nM for activated BTK and 0.39 nM for unactivated BTK. It has an IC ₅₀ of 24 μM against hERG, exhibits strong metabolic stability and bioavailability, induces a weak passive cutaneous anaphylaxis reaction, and demonstrates anti-inflammatory properties in a mouse model of collagen-induced arthritis.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.006 mL	10.0299 mL	20.0598 mL
5 mM	0.4012 mL	2.006 mL	4.012 mL
10 mM	0.2006 mL	1.003 mL	2.006 mL
50 mM	0.0401 mL	0.2006 mL	0.4012 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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