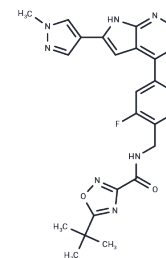


BTK inhibitor 1

Chemical Properties

CAS No. :	2230724-66-8
Formula:	C ₂₄ H ₂₃ FN ₈ O ₂
Molecular Weight:	474.49
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	BTK inhibitor 1 (Compound 27) is a BTK inhibitor (IC ₅₀ : 0.11 nM) with an inhibitory effect on B-cell activation in hWB with an IC ₅₀ of 2 nM.
Targets(IC ₅₀)	BTK

Solubility Information

Solubility	DMSO: 4.75 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1075 mL	10.5376 mL	21.0753 mL
5 mM	0.4215 mL	2.1075 mL	4.2151 mL
10 mM	0.2108 mL	1.0538 mL	2.1075 mL
50 mM	0.0422 mL	0.2108 mL	0.4215 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

Musumeci F, et al. Pyrrolo[2,3-d]pyrimidines active as Btk inhibitors. Expert Opin Ther Pat. 2017;27(12):1305-1318.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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