

BTK-IN-41

Chemical Properties

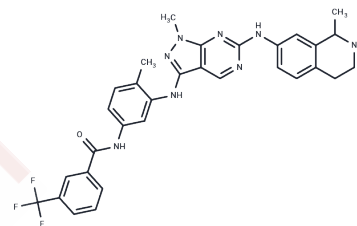
CAS No. : 2251799-53-6

Formula: C₃₁H₂₉F₃N₈O

Molecular Weight: 586.61

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-IN-41 (Compound 47) is a BTK inhibitor with an IC ₅₀ of 5.4 nM. It inhibits diffuse large B-cell lymphoma cells TDM-8 with an IC ₅₀ of 13.8 nM.
Targets(IC ₅₀)	BTK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7047 mL	8.5236 mL	17.0471 mL
5 mM	0.3409 mL	1.7047 mL	3.4094 mL
10 mM	0.1705 mL	0.8524 mL	1.7047 mL
50 mM	0.0341 mL	0.1705 mL	0.3409 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286

E_mail: info@targetmol.com

Address: 34 Washington Street, Wellesley Hills, MA 02481