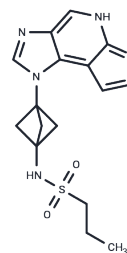


Zemprocitinib

Chemical Properties

CAS No. :	2417414-44-7
Formula:	C ₁₆ H ₁₉ N ₅ O ₂ S
Molecular Weight:	345.42
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	Zemprocitinib (Compound 1) is an inhibitor of Janus kinase (JAK), with IC ₅₀ values of 5.95 nM for JAK1, 141.3 nM for JAK2, and 119 nM for TYK2.
Targets(IC ₅₀)	JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.895 mL	14.4751 mL	28.9503 mL
5 mM	0.579 mL	2.895 mL	5.7901 mL
10 mM	0.2895 mL	1.4475 mL	2.895 mL
50 mM	0.0579 mL	0.2895 mL	0.579 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