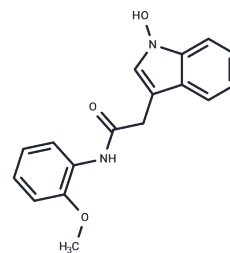


ZT55

Chemical Properties

CAS No. : 2138488-38-5
 Formula: C17H16N2O3
 Molecular Weight: 296.32
 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	ZT55, an orally active, highly-selective JAK2 inhibitor with an IC50 of 0.031 μ M, inhibits proliferation of JAK2 V617F-expressing HEL cell lines, induces apoptosis and cycle arrest, and effectively inhibits HEL xenograft tumor growth in mice models. Suitable for studies on myeloproliferative neoplasms, polycythemia vera, and primary thrombocytopenia, ZT55 offers promising applications.
Targets(IC50)	Apoptosis,Others,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3747 mL	16.8737 mL	33.7473 mL
5 mM	0.6749 mL	3.3747 mL	6.7495 mL
10 mM	0.3375 mL	1.6874 mL	3.3747 mL
50 mM	0.0675 mL	0.3375 mL	0.6749 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

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