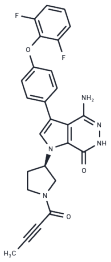
Data Sheet (Cat.No.T63272)

TargetMol

Edralbrutinib

Chemical Properties



CAS No. : 1858206-58-2

Formula: C26H21F2N5O3

Molecular Weight: 489.47

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	Edralbrutinib (TG-1701) is a potent BTK inhibitor with anticancer activity used in treating tumors, immune system disorders, and blood and lymphatic system disorders. Additionally, Edralbrutinib is studied for its efficacy in membranous glomerulonephritis and optic neuromyelitis optica.
Targets(IC50)	BTK

Solubility Information

Solubility	DMSO: 55 mg/mL (112.37 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (2.04 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.043 mL	10.2151 mL	20.4303 mL
5 mM	0.4086 mL	2.043 mL	4.0861 mL
10 mM	0.2043 mL	1.0215 mL	2.043 mL
50 mM	0.0409 mL	0.2043 mL	0.4086 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

JIANGSU HENGRUI MEDICINE CO, et al. Pharmaceutically acceptable salt and crystal form of pyrrolo[2,3-d] pyridazin-7-one derivative and preparation method of medicinal salt and crystal form. WO2018210296A1.

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