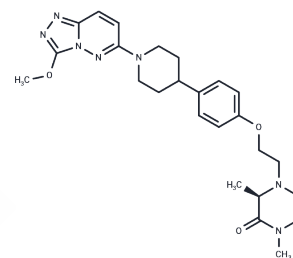


AZD5153

Chemical Properties

CAS No. : 1869912-39-9
 Formula: C₂₅H₃₃N₇O₃
 Molecular Weight: 479.57
 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	AZD5153 is a reversible inhibitor of BRD4, a bromodomain and extra-terminal family protein, with antitumor activity. AZD5153 inhibits hepatocarcinogenesis by altering the BRD4 chromosome landscape and regulating the transcriptome of HCC cells. AZD5153 is used in the study of lymphomas and solid tumors.
Targets(IC50)	Apoptosis, Others, Epigenetic Reader Domain

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0852 mL	10.426 mL	20.852 mL
5 mM	0.417 mL	2.0852 mL	4.1704 mL
10 mM	0.2085 mL	1.0426 mL	2.0852 mL
50 mM	0.0417 mL	0.2085 mL	0.417 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

Bradbury RH, et al. Optimization of a Series of Bivalent Triazolopyridazine Based Bromodomain and Extraterminal Inhibitors: The Discovery of (3R)-4-[2-[4-[1-(3-Methoxy-[1,2,4]triazolo[4,3-b]pyridazin-6-yl)-4-piperidyl]phenoxy]ethyl]-1,3-dimethyl-piperazin-2-one (AZD5153). J Med Chem. 2016 Sep 8;59(17):7801-17.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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