

Zotiraciclib HCl

Chemical Properties

CAS No. :	1354567-82-0
Formula:	C ₂₃ H ₂₆ Cl ₂ N ₄ O
Molecular Weight:	445.388
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Zotiraciclib, also known as TG02 and SB1317, is a novel small molecule potent CDK/JAK2/FLT3 inhibitor. Zotiraciclib may be useful for the treatment of cancer that crosses the blood brain barrier and acts by depleting Myc through the inhibition of cyclin-dependent kinase 9 (CDK9). It is one of a number of CDK inhibitors under investigation; others targeting CDK9 for the treatment of acute myeloid leukemia include alvocidib and atuvaciclib. Myc overexpression is a known factor in many cancers, with 80 percent of glioblastomas characterized by this property.
Targets(IC50)	Others,FLT,CDK,JAK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2452 mL	11.2261 mL	22.4522 mL
5 mM	0.449 mL	2.2452 mL	4.4904 mL
10 mM	0.2245 mL	1.1226 mL	2.2452 mL
50 mM	0.0449 mL	0.2245 mL	0.449 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

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