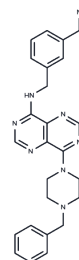


BI8626

Chemical Properties

CAS No. : 1875036-75-1
Formula: C₂₅H₂₈N₈
Molecular Weight: 440.54
Appearance: no data available
Storage: store at low temperature, keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	BI8626 is a ubiquitin ligase HUWE1 inhibitor with protective effects against spontaneous desiccation syndrome in NOD/ShiLtj mice. BI8626 inhibits intracellular cholesterol and decreases the expression of phosphorylated ZAP-70, CD25, and other activation markers, and inhibits the proliferation of CD4 T-cells.
Targets(IC50)	E1/E2/E3 Enzyme
In vitro	In LS174T cells, BI8626 (0μM, 5μM, 10μM, 15μM, 20μM; 0-4 days) delayed progression through all phases of the cell cycle, with the most pronounced effect on the G1 phase[1].

Solubility Information

Solubility	DMSO: 60 mg/mL (136.20 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2699 mL	11.3497 mL	22.6994 mL
5 mM	0.454 mL	2.2699 mL	4.5399 mL
10 mM	0.227 mL	1.135 mL	2.2699 mL
50 mM	0.0454 mL	0.227 mL	0.454 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.

Reference

Peter S, et al. Tumor cell-specific inhibition of MYC function using small molecule inhibitors of the HUWE1 ubiquitin ligase. EMBO Mol Med. 2014 Dec;6(12):1525-41.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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