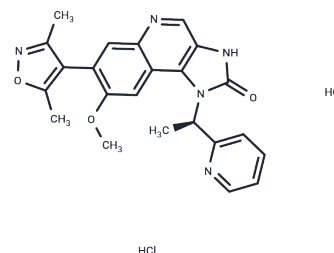


I-BET151 dihydrochloride

Chemical Properties

CAS No. :	1883545-47-8
Formula:	C23H23Cl2N5O3
Molecular Weight:	488.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	I-BET 151 dihydrochloride is a BET bromodomain inhibitor that prevents BET from recruiting to chromatin.
Targets(IC50)	Others
In vitro	I-BET 151 induces MLL-fusion leukemia cell line apoptosis and G0 / G1 cell cycle arrest in vitro and reduces BCL2 expression in NOMO1 cells.
In vivo	I-BET 151 improves the survival rate of two kinds of MLL fusion leukemia mice and enhances the differentiation of human iPSCs into megakaryocytes.

Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0476 mL	10.2381 mL	20.4763 mL
5 mM	0.4095 mL	2.0476 mL	4.0953 mL
10 mM	0.2048 mL	1.0238 mL	2.0476 mL
50 mM	0.041 mL	0.2048 mL	0.4095 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.

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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