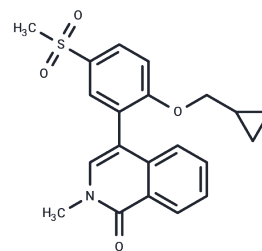


Trotabresib

Chemical Properties

CAS No. :	1706738-98-8
Formula:	C ₂₁ H ₂₁ N ₁ O ₄ S
Molecular Weight:	383.46
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	Trotabresib (CC-90010) is an orally active inhibitor of BET and can be used in studies about advanced solid tumors.
Targets(IC50)	Epigenetic Reader Domain

Solubility Information

Solubility	DMSO: 45 mg/mL (117.35 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 2 mg/mL (5.22 mM), Sonication is recommended. <i>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.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6078 mL	13.0392 mL	26.0783 mL
5 mM	0.5216 mL	2.6078 mL	5.2157 mL
10 mM	0.2608 mL	1.3039 mL	2.6078 mL
50 mM	0.0522 mL	0.2608 mL	0.5216 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

CELGENE QUANTICEL RESEARCH, INC. PROCESS FOR THE PREPARATION OF BROMODOMAIN INHIBITOR. Patent. WO2020023438.

V. Moreno, et al. CC-90010, a reversible, oral bromodomain and extra-terminal (BET) inhibitor in patients (Pts) with advanced solid tumours (STs) and relapsed/refractory (R/R) non-Hodgkin lymphoma: Updated results of a phase I study.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481