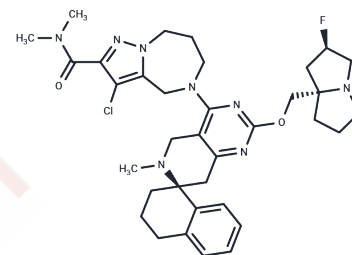


KRAS G12D inhibitor 26

Chemical Properties

CAS No. :	2972625-49-1
Formula:	C35H44ClFN8O2
Molecular Weight:	663.23
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <i>Actual storage temperature shall be subject to the COA.</i>



Biological Description

Description	KRAS G12D inhibitor 26 (Compound 64B) is an inhibitor of KRAS G12D with an IC ₅₀ ≤ 100 nM.
Targets(IC ₅₀)	Kras,Ras

Solubility Information

Solubility	DMSO: 80 mg/mL (120.62 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 3.3 mg/mL (4.98 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	1.5078 mL	7.5389 mL	15.0777 mL
5 mM	0.3016 mL	1.5078 mL	3.0155 mL
10 mM	0.1508 mL	0.7539 mL	1.5078 mL
50 mM	0.0302 mL	0.1508 mL	0.3016 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

Kras modulators and uses thereof. 2023-08-17. Publication of WO2023154766A1.

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