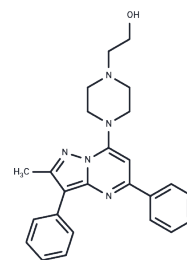


KRAS inhibitor-3

Chemical Properties

CAS No. :	900897-56-5
Formula:	C ₂₅ H ₂₇ N ₅ O
Molecular Weight:	413.51
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	KRAS inhibitor-3, an efficacious inhibitor of both wild-type (WT) and oncogenic KRAS mutations, exhibits high-affinity binding (K _D : 0.28 μM for KRAS WT, 0.63 μM for KRAS G12C, 0.37 μM for KRAS G12D, and 0.74 μM for KRAS Q61H). Additionally, it impedes the interaction between KRAS and Raf, highlighting its potential as a targeted therapeutic agent in KRAS-mutant cancers.
Targets(IC50)	Others,Ras,Kras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4183 mL	12.0916 mL	24.1832 mL
5 mM	0.4837 mL	2.4183 mL	4.8366 mL
10 mM	0.2418 mL	1.2092 mL	2.4183 mL
50 mM	0.0484 mL	0.2418 mL	0.4837 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

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