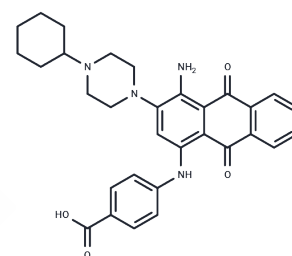


TrkA-IN-9

## Chemical Properties

CAS No. : 1802770-18-8  
 Formula: C<sub>31</sub>H<sub>32</sub>N<sub>4</sub>O<sub>4</sub>  
 Molecular Weight: 524.61  
 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	TrkA-IN-9 (VMD-928) is an orally active and selective inhibitor of tropomyosin receptor kinase A (TrkA). It disrupts downstream signaling pathways activated by nerve growth factor (NGF) binding to TrkA, thereby inhibiting cell proliferation and invasion, and promoting cancer cell death. TrkA-IN-9 shows potential for research in various cancers, including prostate cancer, thymic carcinoma, mesothelioma, head and neck squamous cell carcinoma, lung cancer, ovarian cancer, and hepatocellular carcinoma.
Targets(IC50)	Trk receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9062 mL	9.5309 mL	19.0618 mL
5 mM	0.3812 mL	1.9062 mL	3.8124 mL
10 mM	0.1906 mL	0.9531 mL	1.9062 mL
50 mM	0.0381 mL	0.1906 mL	0.3812 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