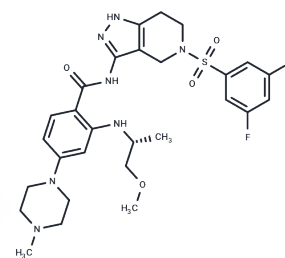


NMS-P626

## Chemical Properties

CAS No. : 942471-37-6  
 Formula: C<sub>28</sub>H<sub>35</sub>F<sub>2</sub>N<sub>7</sub>O<sub>4</sub>S  
 Molecular Weight: 603.68  
 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	NMS-P626 functions as an inhibitor targeting TRKA, TRKB, and TRKC, exhibiting IC <sub>50</sub> values of 8 nM, 7 nM, and 3 nM respectively. It effectively suppresses KM12 cell growth by inhibiting the phosphorylation of TPM3-TRKA and the subsequent downstream signaling, demonstrating an IC <sub>50</sub> of 19 nM specifically for KM12 cells. This compound is applicable in the study of colorectal cancer.
Targets(IC <sub>50</sub> )	Trk receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6565 mL	8.2825 mL	16.5651 mL
5 mM	0.3313 mL	1.6565 mL	3.313 mL
10 mM	0.1657 mL	0.8283 mL	1.6565 mL
50 mM	0.0331 mL	0.1657 mL	0.3313 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

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