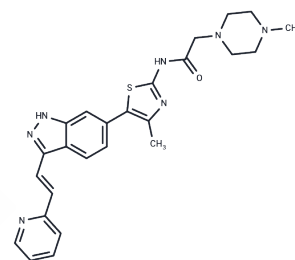


IHMT-TRK-284

## Chemical Properties

CAS No. : 2416844-79-4  
 Formula: C<sub>25</sub>H<sub>27</sub>N<sub>7</sub>O<sub>5</sub>  
 Molecular Weight: 473.59  
 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	IHMT-TRK-284 (Compound 34) is a potent, orally active type II TRK kinase inhibitor with IC <sub>50</sub> values of 10.5 nM for TRKA, 0.7 nM for TRKB, and 2.6 nM for TRKC. The compound demonstrates good selectivity within the kinase group and exhibits significant anti-tumor efficacy in vivo.
Targets(IC <sub>50</sub> )	Apoptosis,c-Fms,Others,Bcr-Abl,c-Kit,PDGFR,Trk receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1115 mL	10.5577 mL	21.1153 mL
5 mM	0.4223 mL	2.1115 mL	4.2231 mL
10 mM	0.2112 mL	1.0558 mL	2.1115 mL
50 mM	0.0422 mL	0.2112 mL	0.4223 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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