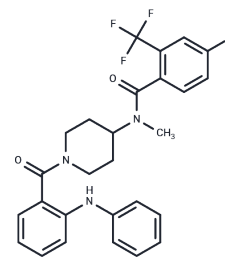


## SMO-IN-3

## Chemical Properties

CAS No. :	2376914-71-3
Formula:	C <sub>27</sub> H <sub>25</sub> F <sub>4</sub> N <sub>3</sub> O <sub>2</sub>
Molecular Weight:	499.5
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	SMO-IN-3 is a potent inhibitor of smoothened (SMO) that acts on the hedgehog (Hh) signaling pathway (IC <sub>50</sub> : 34.09 nM). SMO-IN-3 inhibits the proliferation of Daoy, a human medulloblastoma cell line, and exhibits anticancer effects.
Targets(IC <sub>50</sub> )	Others,Hedgehog/Smoothened,Smo

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.002 mL	10.010 mL	20.020 mL
5 mM	0.4004 mL	2.002 mL	4.004 mL
10 mM	0.2002 mL	1.001 mL	2.002 mL
50 mM	0.040 mL	0.2002 mL	0.4004 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