

ALK5-IN-9

## Chemical Properties

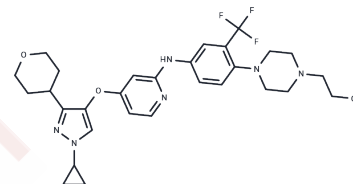
CAS No. : 2489611-06-3

Formula: C<sub>29</sub>H<sub>35</sub>F<sub>3</sub>N<sub>6</sub>O<sub>3</sub>

Molecular Weight: 572.62

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	ALK5-IN-9 is a potent, orally active inhibitor of TGFβRI (ALK5). ALK5-IN-9 inhibits ALK5 autophosphorylation (IC <sub>50</sub> : 25 nM) and inhibits NIH3T3 cell activity (IC <sub>50</sub> : 74.6 nM). ALK5-IN-9 has shown research potential in cancer diseases.
Targets(IC <sub>50</sub> )	Others, TGF-beta/Smad

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7464 mL	8.7318 mL	17.4636 mL
5 mM	0.3493 mL	1.7464 mL	3.4927 mL
10 mM	0.1746 mL	0.8732 mL	1.7464 mL
50 mM	0.0349 mL	0.1746 mL	0.3493 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