

ALK5-IN-85

Chemical Properties

CAS No. : 2766583-86-0
Formula: C33H32FN7O3
Molecular Weight: 593.66
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-85 (Compound 19) is an inhibitor of TGF β RI (ALK5) with an IC50 of less than 100 nM. It can be used for the treatment of respiratory diseases such as idiopathic pulmonary fibrosis, asthma, chronic obstructive pulmonary disease, and lung cancer, as well as for research on skin and ocular fibrotic diseases.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6845 mL	8.4223 mL	16.8447 mL
5 mM	0.3369 mL	1.6845 mL	3.3689 mL
10 mM	0.1684 mL	0.8422 mL	1.6845 mL
50 mM	0.0337 mL	0.1684 mL	0.3369 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

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481