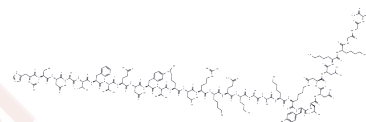


Ro 25-1553

Chemical Properties

CAS No. : 159427-08-4
Formula: C160H258N46O46
Molecular Weight: 3562.04
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	Ro 25-1553 is a 31-amino acid analog of vasoactive intestinal peptide (VIP) that functions as an agonist for the VIP2 receptor (VPAC2 receptor). In guinea pig models, Ro 25-1553 exhibits bronchodilator effects on tracheal smooth muscle contraction induced by neural stimuli or Carbachol.
Targets(IC50)	Others,PACAP

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2807 mL	1.4037 mL	2.8074 mL
5 mM	0.0561 mL	0.2807 mL	0.5615 mL
10 mM	0.0281 mL	0.1404 mL	0.2807 mL
50 mM	0.0056 mL	0.0281 mL	0.0561 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