

TRV120056

Chemical Properties

CAS No. : 40678-47-5

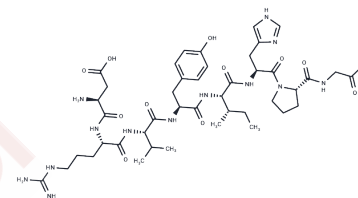
Formula: C43H65N13O12

Molecular Weight: 956.072

Keep away from moisture

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	TRV120056 is a Gq-biased agonist that demonstrates a molecular efficacy ten times greater at the AT1R-Gq fusion protein than at the AT1R-βarr2 fusion protein.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0459 mL	5.2297 mL	10.4595 mL
5 mM	0.2092 mL	1.0459 mL	2.0919 mL
10 mM	0.1046 mL	0.523 mL	1.0459 mL
50 mM	0.0209 mL	0.1046 mL	0.2092 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.

Reference

Rajagopal S, et, al. Quantifying ligand bias at seven-transmembrane receptors. *Mol Pharmacol.* 2011 Sep;80(3): 367-77.

Strachan RT, et, al. Divergent transducer-specific molecular efficacies generate biased agonism at a G protein-coupled receptor (GPCR). *J Biol Chem.* 2014 May 16; 289(20): 14211-24.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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