

TRV055 acetate

Chemical Properties

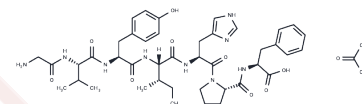
CAS No. :

Formula: C44H61N9O11

Molecular Weight: 892.01

Storage:

Store at low temperature, Keep away from direct sunlight, Keep away from moisture
 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	TRV055 acetate is a ligand of angiotensin II type 1 receptor and stimulates cellular Gq-mediated signaling.
Targets(IC50)	RAAS
In vitro	TRV055 acetate is a Gq-biased ligand with >10-fold greater allosteric coupling to Gq than AngII and is more effective in stimulating Gq-mediated cellular signaling and in allosterically promoting Gq coupling[1].

Solubility Information

Solubility	DMSO: 8.93 mg/mL (10.01 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1211 mL	5.6053 mL	11.2106 mL
5 mM	0.2242 mL	1.1211 mL	2.2421 mL
10 mM	0.1121 mL	0.5605 mL	1.1211 mL
50 mM	0.0224 mL	0.1121 mL	0.2242 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

Laura M Wingler, et al. Angiotensin Analogs with Divergent Bias Stabilize Distinct Receptor Conformations. Cell. 2019 Jan 24;176(3):468-478.e11.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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