

TRV120056 acetate

## Chemical Properties

CAS No. :

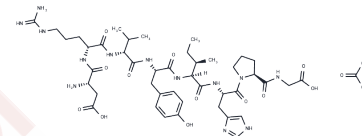
Formula: C45H69N13O14

Molecular Weight: 1016.11

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 acetate is a Gq-biased agonist with 10-fold greater molecular efficiency on AT1R-Gq fusion proteins than AT1R-βarr2 fusion proteins. |
| Targets(IC50) | Others   |

## Solubility Information

|            |   |
|------------|---|
| Solubility | DMSO: 10.17 mg/mL (10.01 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg      |
|-------|-----------|-----------|-----------|
| 1 mM  | 0.9841 mL | 4.9207 mL | 9.8415 mL |
| 5 mM  | 0.1968 mL | 0.9841 mL | 1.9683 mL |
| 10 mM | 0.0984 mL | 0.4921 mL | 0.9841 mL |
| 50 mM | 0.0197 mL | 0.0984 mL | 0.1968 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

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.

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

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