

Product Data Sheet

Product Name: TRV120056

Cat. No.: GC64201

Chemical Properties

Cas. No. 40678-47-5

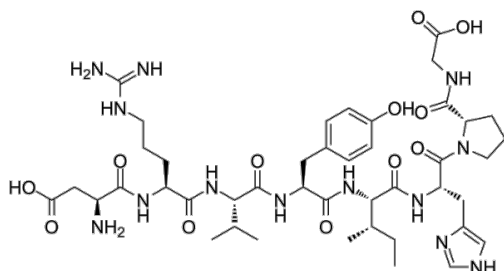
Formula C₄₃H₆₅N₁₃O₁₂ M.Wt 956.06

Solubility Water : 33.33 mg/mL (34.86 mM; Need ultrasonic) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

TRV120056 is a Gq-biased agonists, exhibits 10-fold larger molecular efficacies at the AT1R-Gq fusion protein compared with the AT1R-βarr2 fusion protein[1].

Caution: Product has not been fully validated for medical applications. For research use only.

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- [1]. Rajagopal S, et, al. Quantifying ligand bias at seven-transmembrane receptors. Mol Pharmacol. 2011 Sep;80(3):367-77.
- [2]. 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.

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