
Product Data Sheet

Product Name: TRV055 hydrochloride

Cat. No.: GC67768

Chemical Properties

Cas. No.

Formula C₄₂H₅₈ClN₉O₉

M.Wt 868.42

Solubility H₂O : ≥ 50 mg/mL (57.58 mM)

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**

TRV055 hydrochloride, a G-protein-biased agonist, is a G_q-biased ligand of the angiotensin II receptor type 1 (**AT1R**). TRV055 hydrochloride is efficacious in stimulating cellular G_q-mediated signaling^[1].

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

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

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