

Product Data Sheet

Product Name: CCG258208 hydrochloride

Cat. No.: GC62891

Chemical Properties

Cas. No.

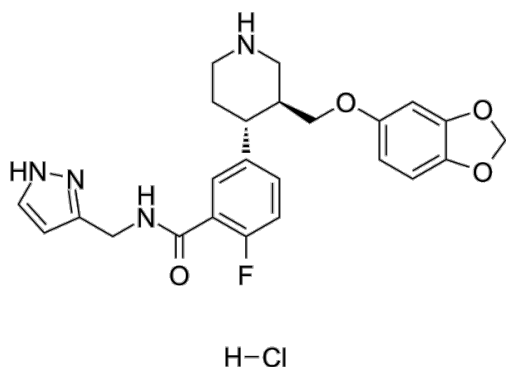
Formula $C_{24}H_{26}ClFN_4O_4$ M.Wt 488.94

Solubility DMSO : 250 mg/mL (511.31 mM; Need ultrasonic)|Water : 50 mg/mL (102.26 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

GRKs-IN-1 hydrochloride, Compound 14as, has remarkable potency against and selectivity for G protein-coupled receptor kinase 2 GRK2 (IC₅₀=130 nM) and GRK5 (IC₅₀=7.1 μM). GRKs-IN-1 hydrochloride is a derivative 14as of paroxetine, shows a 100-fold improvement in cardiomyocyte

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

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contractility assays over paroxetine[1].

[1]. Waldschmidt HV, et al. Structure-Based Design of Highly Selective and Potent G Protein-Coupled Receptor Kinase 2 Inhibitors Based on Paroxetine. J Med Chem. 2017 Apr 13;60(7):3052-3069.

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