

Product Data Sheet

Product Name: MrgprX2 antagonist-9

Cat. No.: GC79248

Chemical Properties

Cas. No. 3095296-92-4

Formula $C_{21}H_{20}F_6N_6O$ M.Wt 486.41

Solubility DMSO: 100 mg/mL (205.59 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

MrgprX2 antagonist-9 is an MRGPRX2 antagonist with an IC_{50} of 0.1-100 nM. MrgprX2 antagonist-9 can be used for the research of inflammatory diseases [1].

In Vitro, MrgprX2 antagonist-9 (Compound 10) inhibits human MRGPRX2 activity with an IC_{50} of 0.1-100 nM in a β -Arrestin assay [1].

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

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References:

[1]. Sabnis RW, et al. Novel Bicyclic Heterocycles as MRGPRX2 Antagonists for Treating Inflammatory Diseases. ACS Med Chem Lett. 2025;16(5):732-733. Published 2025 Apr 2.

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