

Product Data Sheet

Product Name: MRGPRX4 modulator-2

Cat. No.: GC70982

Chemical Properties

Cas. No. 2492595-24-9

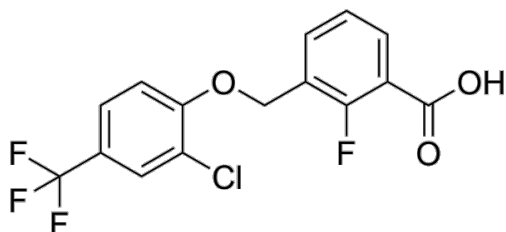
Formula $C_{15}H_9ClF_4O_3$ M.Wt 348.68

Solubility DMSO : 50 mg/mL (143.40 mM); ultrasonic and warming and heat to 60°C; Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage -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

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

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MRGPRX4 modulator-2 (compound 1-55) is a potent MRGPR X4 modulator, possessing antagonist activity against MRGPR X4 with an $IC_{50} < 100$ nM. MRGPRX4 modulator-2 can be used for researching autoimmune diseases such as psoriasis, multiple sclerosis, Steven Johnson's Syndrome, and other chronic itch conditions.

References:

[1]. Adam YEAGER, et al. Modulators of mas-related g-protein receptor x4 and related products and methods. WO2020198537A1 (compound 1-55)

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