

Product Data Sheet

Product Name: Praliguat

Cat. No.: GC65449

Chemical Properties

Cas. No. 1628730-49-3

Formula C₂₁H₁₄F₈N₆O₂

M.Wt 534.36

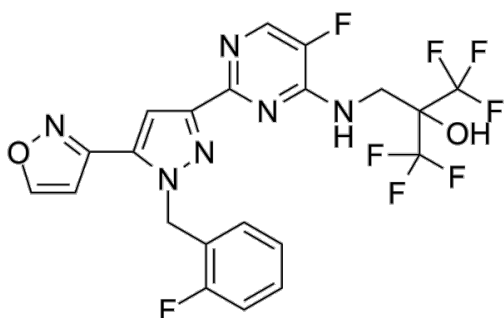
Solubility DMSO : 250 mg/mL (467.85 mM;
Need ultrasonic)

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

Praliguat (IW-1973) is a potent and orally active soluble guanylate cyclase stimulator, enhances NO signaling, acts as a vasodilator. Praliguat (IW-1973) stimulates sGC in HEK-293 cells with an EC₅₀

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

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of 197 nM[1].

[1]. Daniel P Zimmer, et al. Abstract 16938: IW-1973 is a Potent Soluble Guanylate Cyclase Stimulator in vitro and in vivo With Extensive Tissue Distribution.

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