

Product Data Sheet

Product Name: GRK5-IN-2

Cat. No.: GC62995

Chemical Properties

Cas. No. 1642839-27-7

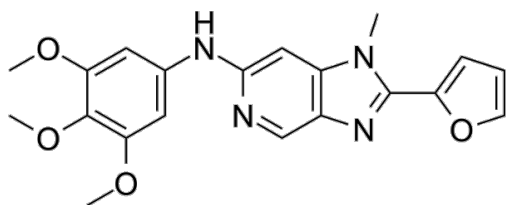
Formula $C_{20}H_{20}N_4O_4$ M.Wt 380.4

Solubility DMSO : 83.33 mg/mL (219.06 mM; Storage Store at -20°C
Need ultrasonic)

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

GRK5-IN-2 (compound 707), a pyridine-based bicyclic compound, is a potent G-protein-coupled receptor kinase 5 (GRK5) inhibitor. GRK5-IN-2 regulates the expression and/or release of insulin and is useful for the metabolic disease research[1].

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

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[1]. Axel Ullrich (Prof. Dr.), et al. Imidazo[4,5-c]pyridine and pyrrolo[3,2-c]pyridine compounds as G-protein-coupled receptor kinase 5 (GRK5) modulators. EP2818472A1.

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