

Product Data Sheet

Product Name: GSK-F1
Cat. No.: GC65309

Chemical Properties

Cas. No. 1402345-92-9

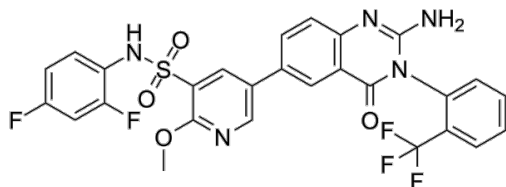
Formula C₂₇H₁₈F₅N₅O₄S M.Wt 603.52

Solubility DMSO : 125 mg/mL (207.12 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, away from moisture and light

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

GSK-F1 (Compound F1) is an orally active PI4KA inhibitor with pIC₅₀ values of 8.0, 5.9, 5.8, 5.9, 5.9 and 6.4 against PI4KA, PI4KB, PI3KA, PI3KB, PI3KG and PI3KD, respectively. GSK-F1 can be used for HCV infection research[1].

[1]. Bojjireddy N, et al. Pharmacological and genetic targeting of the PI4KA enzyme reveals its important role in maintaining plasma membrane phosphatidylinositol 4-phosphate and phosphatidylinositol 4,5-bisphosphate levels. J Biol Chem. 2014 Feb 28;289(9):6120-32.

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

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