

Product Data Sheet

Product Name: RIPK-IN-4

Cat. No.: GC37537

Chemical Properties

Cas. No. 2141969-56-2

SMILES O=S(C1=CN2C(C3=CC(N)=NC(F)=C3)=CN=C2C=C1OCC)(C(C)(C)C)=O

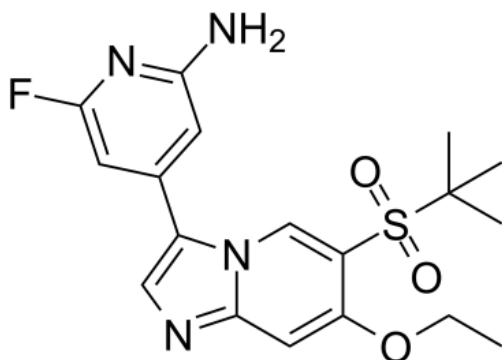
Formula $C_{18}H_{21}FN_4O_3S$ M.Wt 392.45

Solubility DMSO: 31.25 mg/mL (79.63 mM) 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

RIPK-IN-4 is a potent and selective RIPK2 inhibitor with excellent oral bioavailability, and has an IC₅₀ of 3 nM[1]. IC₅₀: 3 nM (RIPK2)[1]

[1]. He X, et al. Identification of Potent and Selective RIPK2 Inhibitors for the Treatment of Inflammatory Diseases. ACS Med Chem Lett. 2017 Sep 27;8(10):1048-1053.

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

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