
Product Data Sheet

Product Name: JAK2/FLT3-IN-1

Cat. No.: GC69305

Chemical Properties

Cas. No. 2387765-27-5

Formula C₂₅H₃₄FN₇O

M.Wt 467.58

Solubility DMSO : 20.83 mg/mL (44.55 mM; ultrasonic and warming and heat to 60°C)

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**

JAK2/FLT3-IN-1 is a potent and orally active dual **JAK2/FLT3** inhibitor with **IC₅₀** values of 0.7 nM, 4 nM, 26 nM and 39 nM for Exhibited significant antitumor effects.

The tumor growth inhibitory rates (TGI) were respective 58% and 93% in the MV4-11-bearing mice model.

[1]. Yang T, et al. Discovery of Potent and Orally Effective Dual JAK2/FLT3 Inhibitors for the Treatment of Acute Myelogenous Leukemia and Myeloproliferative Neoplasms. J Med Chem. 2019 Oct 31.

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

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