
Product Data Sheet

Product Name: GFB-12811

Cat. No.: GC64926

Chemical Properties

Cas. No. 2775311-17-4

Formula C₂₂H₂₃F₄N₅O

M.Wt 449.44

Solubility DMSO : 50 mg/mL (111.25 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**

GFB-12811 is a high selective and orally active CDK5 inhibitor with an IC₅₀ of 2.3 nM. GFB-12811 is highly selective over the other tested kinases (CDK1/2/6/7/9)[1].

[1]. Daniels MH, et al. Discovery and Optimization of Highly Selective Inhibitors of CDK5. J Med Chem. 2022;65(4):3575-3596.

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

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