
Product Data Sheet

Product Name: APX2039
Cat. No.: GC64848

Chemical Properties

Cas. No. 2342606-49-7

Formula C₂₀H₁₅FN₄O₂

M.Wt 362.36

Solubility DMSO : 100 mg/mL (275.97 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

APX2039 is an orally active and potent inhibitor of the fungal Gwt1 enzyme. APX2039 has extremely potent anticytotoxic activity against *C. neoformans* and *C. gattii*. APX2039 blocks the localization of GPI (glycosylphosphatidyl inositol)-anchored cell wall mannoproteins. APX2039 can be used for Cryptococcal meningitis (CM) research[1][2].

[1]. Karen J Shaw, et al. 168. Efficacy of the Novel gwt1 Inhibitor APX2039 in a Rabbit Model of cryptococcus Meningitis. Open Forum Infect Dis. 2020 Dec 31.

[2]. Yu CH, et al. Gene Expression of Diverse Cryptococcus Isolates during Infection of the Human Central Nervous System. mBio. 2021 Dec 21;12(6):e0231321.

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

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