

Product Data Sheet

Product Name: SLU-10482

Cat. No.: GC91408

Chemical Properties

Cas. No. 2755451-45-5

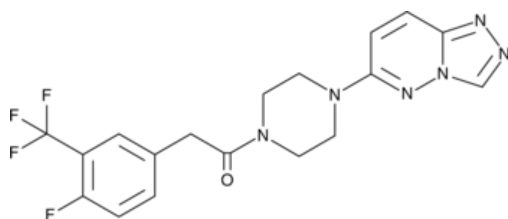
Formula $C_{18}H_{16}F_4N_6O$ M.Wt 408.4

Solubility DMSO: Soluble, Ethanol: Soluble, Methanol: Soluble 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

SLU-10482 is an antiparasitic agent.¹ It reduces the number of *C. parvum* parasites in HCT-8 cells ($EC_{50} = 0.07 \mu M$). SLU-10482 binds to human ether-a-go-go (hERG; $K_d = 43 \mu M$) to a lesser extent than the antiparasitic SLU-2633. In vivo, SLU-10482 (5 and 15 mg/kg twice per day) decreases the number of fecal oocysts in a mouse model of *C. parvum* infection.

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

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