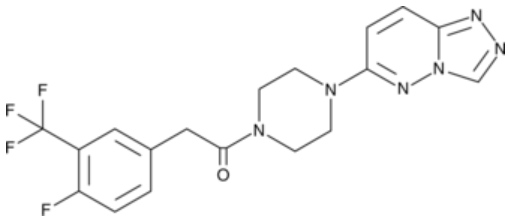
Product Data Sheet

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 (EC50 = 0.07 µM). SLU-10482 binds to human ether-a-go-go (hERG; Kd = 43 µM) 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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