
Product Data Sheet

Product Name: GOAT-IN-1

Cat. No.: GC31080

Chemical Properties

Cas. No. 1452473-54-9

SMILES CC1=NC(C(F)(F)F)=CC=C1COC2=CC(SC=C3CC(O)=O)=C3C(Cl)=C2Formula C18H13ClF3NO3S M.Wt 415.81

Solubility DMSO : 150 mg/mL (360.74 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**

GOAT-IN-1 is an inhibitor of ghrelin O-acyltransferase (GOAT), which could be useful for the prophylaxis or treatment of obesity, diabetes, hyperlipidemia, metabolic, non-alcoholic fatty liver, steatohepatitis, sarcopenia, appetite control, alcohol/narcotic dependence, Alzheimer's disease, Parkinson's disease, cerebrovascular dementia, cerebral apoplexy, cerebral infarction, cardiac disease, some kind of tumors.

The inhibitory activity of GOAT-IN-1 (Example 16) for human GOAT is 101% with the concentration of 10 μM[1].

[1]. WO 2013125732.

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

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