

Product Data Sheet

Product Name: SIS17
Cat. No.: GC37643

Chemical Properties

Cas. No. 2374313-54-7

SMILES O=C(C1=CC=CS1)NNCCCCCCCCCCCCCCCCC

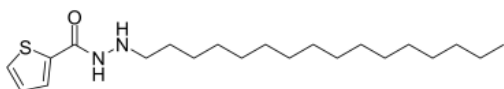
Formula $C_{21}H_{38}N_2OS$ M.Wt 366.6

Solubility DMSO: 125 mg/mL (340.97 mM) Storage Store at -20°C, unstable in solution, ready to use.

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 sizes: ship with RT, or blue ice upon request.

Structure



Background

SIS17 is a mammalian histone deacetylase 11 (HDAC 11) inhibitor with an IC₅₀ value of 0.83 μM, inhibits the demyristoylation HDAC11 substrate, serine hydroxymethyl transferase 2, without inhibiting other HDACs[1]. IC₅₀: 0.83 μM (HDAC 11)[1]

[1]. Son SI, et al. Activity-Guided Design of HDAC11-Specific Inhibitors. ACS Chem Biol. 2019 Jul 19;14(7):1393-1397.

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

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