

Product Data Sheet

Product Name: STD1T
Cat. No.: GC62509

Chemical Properties

Cas. No. 893075-58-6

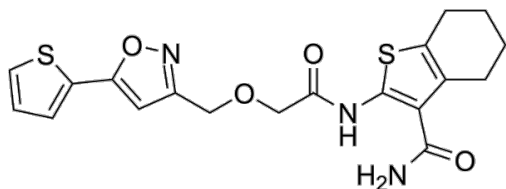
Formula $C_{19}H_{19}N_3O_4S_2$ M.Wt 417.5

Solubility DMSO : 62.5 mg/mL (149.70 mM; Storage Store at -20°C
Need ultrasonic)

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

STD1T is a deubiquitinase USP2a inhibitor with an IC₅₀ of 3.3 μM in Ub-AMC Assay[1].

STD1T inhibits USP2a enzymatic activity in a concentration dependent manner. STD1T shows selective inhibition of USP2a vs. USP7 at the concentrations of 10 μM and 2000 μM, respectively[1].

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

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[1]. Marcin D Tomala, et al. Identification of small-molecule inhibitors of USP2a. Eur J Med Chem. 2018 Apr 25;150:261-267.

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