
Product Data Sheet

Product Name: KS100
Cat. No.: GC69342

Chemical Properties

Cas. No. 2408477-54-1

Formula $C_{17}H_{14}Br_3N_3O_2S$ M.Wt 564.09

Solubility DMSO : 125 mg/mL (221.60 mM; Need ultrasonic) Storage 4°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

KS100 is a potent **ALDH** inhibitor with **IC₅₀s** of 230, 1542, 193 nM for ALDH1A1,

[1]. Dinavahi SS, et al. Design, synthesis characterization and biological evaluation of novel multi-isoform ALDH inhibitors as potential anticancer agents. Eur J Med Chem. 2020 Feb 1;187:111962.

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

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