
Product Data Sheet

Product Name: ALDH1A1-IN-2

Cat. No.: GC64063

Chemical Properties

Cas. No. 2231081-18-6

Formula C₂₅H₂₃CIN₄O₃S

M.Wt

494.99

Solubility

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**

ALDH1A1-IN-2 is a potent inhibitor of aldehyde dehydrogenase 1a1 (aldh1a1). Aldehyde dehydrogenases (ALDH) constitute a family of enzymes that play a critical role in oxidizing various cytotoxic xenogenic and biogenic aldehydes. ALDH1A1-IN-2 has the potential for the research of cancer, inflammation, or obesity (extracted from patent WO2019089626A1, compound 295)[1].

[1]. Shyh Ming YANG, et al. Substituted quinoline analogs as aldehyde dehydrogenase 1a1 (aldh1a1) inhibitors. Patent WO2019089626A1.

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

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