

Product Data Sheet

Product Name: XZA-1
Cat. No.: GC79552

Chemical Properties

Cas. No. 1282141-20-1

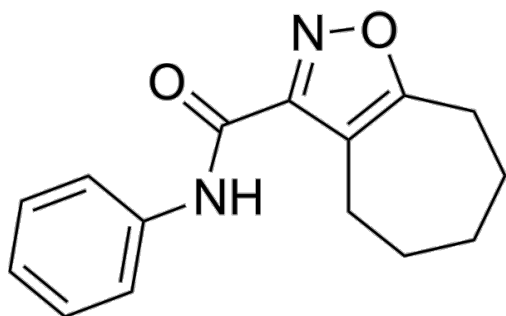
Formula $C_{15}H_{16}N_2O_2$ M.Wt 256.3

Solubility DMSO: 100 mg/mL (390.17 mM; Need ultrasonic) 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

XZA-1 is a 3-hydroxyacyl-coenzyme A dehydrogenase (HADH) activator. XZA-1 increases the intracellular level of acetoacetyl-CoA, which in turn induces acetoacetylation modification of

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

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Chromobox Protein Homolog 4 (CBX4) at lysine 106 (K106). XZA-1 exhibits antitumor effects in a xenograft model of human hepatocellular carcinoma SMMC7721 cells overexpressing CBX4. XZA-1 can be used for the study of hepatocellular carcinoma [1].

References:

[1]. Li H, et al. CBX4 acetoacetylation as an inhibitory mechanism of HIF-1 α activity. Cell Chem Biol. 2025 Oct 16;32(10):1249-1259.e9.

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