

Product Data Sheet

Product Name: DS-1-38

Cat. No.: GC73776

Chemical Properties

Cas. No.

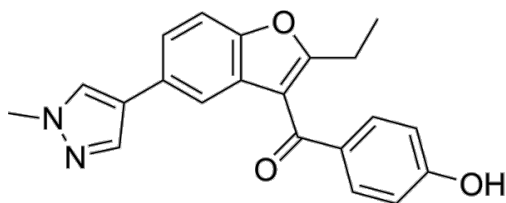
Formula $C_{21}H_{18}N_2O_3$ M.Wt 346.38

Solubility DMSO : 125 mg/mL (360.88 mM; Storage -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

DS-1-38 is an EYA1 antagonist that blocks Sonic Hedgehog (SHH) signaling. EYA1 is a haloacid dehalogenase phosphatase and transcription factor that regulates tumorigenesis and proliferation in SHH medulloblastoma (SHH-MB)^[1].

References:

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

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[1]. Hwang GH, et al. A Benzarone Derivative Inhibits EYA to Suppress Tumor Growth in SHH Medulloblastoma. Cancer Res. 2024 Mar 15;84(6):872-886.

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