Product Data Sheet

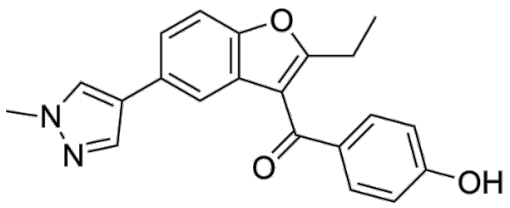
Product Name: DS-1-38
Cat. No.: GC73776

Chemical Properties

Cas. No.

Formula	$C_{21}H_{18}N_2O_3$	M.Wt	346.38
Solubility	DMSO : 125 mg/mL (360.88 mM; Need ultrasonic)	Storage	-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

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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