
Product Data Sheet

Product Name: IDH1 Inhibitor 2

Cat. No.: GC36292

Chemical Properties

Cas. No. 2244895-42-7

SMILES N#CC1=C[C@@]2(C3=CC=CC=C3)[C@](CCC4=C2N=C(NC5=CC=CC=C5)N=C4)([H])[C@H](C)C1=OFormula C₂₆H₂₂N₄O M.Wt 406.48

Solubility Soluble in DMSO 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**

IDH1 Inhibitor 2 is a potent IDH1 inhibitor via a direct covalent modification of His315, with an IC₅₀ of 110 nM[1]. IC₅₀: 110 nM (IDH1)[1].

[1]. Jakob CG, et al. Novel Modes of Inhibition of Wild-Type Isocitrate Dehydrogenase 1 (IDH1): Direct Covalent Modification of His315. J Med Chem. 2018 Aug 9;61(15):6647-6657.

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

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