
Product Data Sheet

Product Name: IDO1/TDO-IN-4

Cat. No.: GC69256

Chemical Properties

Cas. No. 461424-21-5

Formula C₁₄H₁₀N₄

M.Wt 234.26

Solubility DMSO : 125 mg/mL (533.60 mM; ultrasonic and warming and heat to 60°C)

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**

IDO1/TDO-IN-4 is a potent **IDO1/TDO** dual inhibitor, with **IC₅₀** values of 3.53 μM (IDO1) and 1.15 μM (TDO). IDO1/TDO-IN-4 forms drogen bond with

[1]. Yu Zhang, et al. B Discovery of 1-(Hetero)aryl-β-carboline Derivatives as IDO1/TDO Dual Inhibitors with Antidepressant Activity. J Med Chem. 2022 Aug 7.

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

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