

## Product Data Sheet

Product Name: TIM-3-IN-2

Cat. No.: GC73552

### Chemical Properties

Cas. No. 1113126-49-0

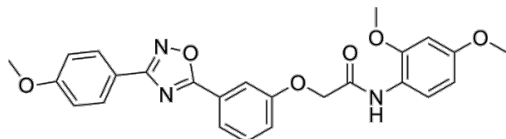
Formula  $C_{25}H_{23}N_3O_6$  M.Wt 461.47

Solubility DMSO : 100 mg/mL (216.70 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

TIM-3-IN-2 (Compound A-41) is a Tim3 inhibitor (KD: 0.61  $\mu$ M). TIM-3-IN-2 blocks TIM-3 interactions

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

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with PtdSer, CEACAM1, and Gal-9. TIM-3-IN-2 inhibits the immunosuppressive function of TIM-3. TIM-3-IN-2 reverses the TIM-3-mediated blockade of the production of proinflammatory cytokines, and maximizes the T-cell antitumor activity against AML cell lines.

### References:

[1]. Abdel-Rahman SA, et al. Discovery of Small-Molecule TIM-3 Inhibitors for Acute Myeloid Leukemia Using Pharmacophore-Based Virtual Screening. J Med Chem. 2023 Aug 24;66(16):11464-11475.

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