
Product Data Sheet

Product Name: O-GlcNAcase-IN-1

Cat. No.: GC64569

Chemical Properties

Cas. No. 2757254-99-0

Formula C₁₅H₂₂N₆

M.Wt 286.38

Solubility DMSO : 25 mg/mL (87.30 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**

O-GlcNAcase-IN-1 is a potent and novel OGA inhibitor with an IC₅₀ value of 46 nM.

[1]. Tawada M, et al. Discovery of a Novel and Brain-Penetrant O-GlcNAcase Inhibitor via Virtual Screening, Structure-Based Analysis, and Rational Lead Optimization. J Med Chem. 2021 Jan 28;64(2):1103-1115.

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

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