

Product Data Sheet

Product Name: NLRP3/AIM2-IN-3

Cat. No.: GC65000

Chemical Properties

Cas. No. 1787787-60-3

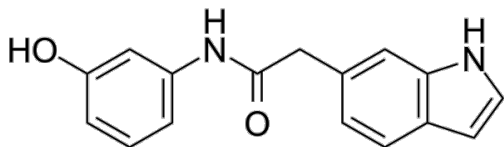
Formula $C_{16}H_{14}N_2O_2$ M.Wt 266.29

Solubility DMSO : 250 mg/mL (938.83 mM; Need ultrasonic) 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

NLRP3/AIM2-IN-3 is a unique molecule that inhibits the activation of NLRP3 and AIM2 inflammatory

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

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bodies and has species differences. Its IC 50 value is $0.077 \pm 0.008 \mu\text{M}$.

[1]. Jiao Y, et al. Discovery of a novel and potent inhibitor with differential species-specific effects against NLRP3 and AIM2 inflammasome-dependent pyroptosis. Eur J Med Chem. 2022 Feb 11;232:114194.

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