

Product Data Sheet

Product Name: 5-Ph-IAA-AM

Cat. No.: GC64397

Chemical Properties

Cas. No. 2990123-10-7

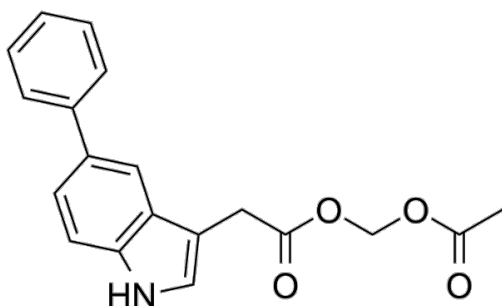
Formula $C_{19}H_{17}NO_4$ M.Wt 323.34

Solubility DMSO : 100 mg/mL (309.27 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

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

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5-Ph-IAA-AM is an eggshell-permeable 5-Ph-IAA analog. 5-Ph-IAA-AM affords an enhanced protein degradation in laid embryos. 5-Ph-IAA-AM can be used to disclosure the roles of proteins in *C. elegans*, in particular those that are involved in embryogenesis and development, through temporally controlled protein degradation[1].

[1]. Negishi T, et al. The auxin-inducible degron 2 (AID2) system enables controlled protein knockdown during embryogenesis and development in *Caenorhabditis elegans*. *Genetics*. 2022 Feb 4;220(2):iyab218.

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