

Product Data Sheet

Product Name: NMT-IN-1

Cat. No.: GC75489

Chemical Properties

Cas. No. 326879-46-3

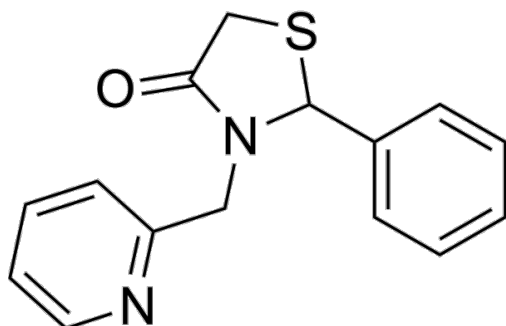
Formula $C_{15}H_{14}N_2OS$ M.Wt 270.35

Solubility DMSO: 66.67 mg/mL (246.61 mM; Storage 4°C, protect from light
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

NMT-IN-1 (compound 9) is a potent N-Myristoyltransferase (NMT) Inhibitor with IC₅₀ values of 31 and 66 μM for TbNMT and hNMT, respectively. NMT-IN-1 can be used in research of african

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

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trypanosomiasis^[1].

References:

[1]. Spinks D, et, al. Development of Small-Molecule Trypanosoma brucei N-Myristoyltransferase Inhibitors: Discovery and Optimisation of a Novel Binding Mode. ChemMedChem. 2015 Nov;10(11):1821-36.

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