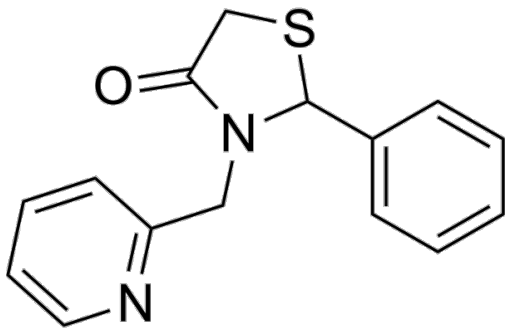
Product Data Sheet

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; Need ultrasonic)	Storage	4°C, protect from light
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 IC_{50} values of 31 and 66 μM for TbNMT and hNMT, respectively. NMT-IN-1 can be used in research of african

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.