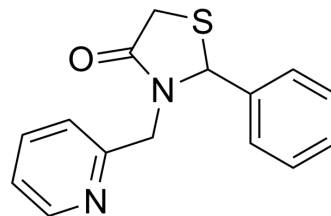


## NMT-IN-1

Cat. No.:	HY-153021
CAS No.:	326879-46-3
Molecular Formula:	C <sub>15</sub> H <sub>14</sub> N <sub>2</sub> OS
Molecular Weight:	270.35
Target:	Parasite
Pathway:	Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

#### Description

NMT-IN-1 (compound 9) is a potent N-Myristoyltransferase (NMT) Inhibitor with IC<sub>50</sub> values of 31 and 66 μM for TbNMT and hNMT, respectively. NMT-IN-1 can be used in research of african trypanosomiasis<sup>[1]</sup>.

### 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.

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

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