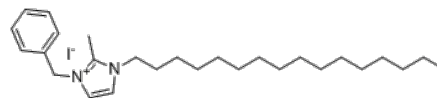


Product Name : NH125
Cat. No. : PC-70179
CAS No. : 278603-08-0
Molecular Formula : C₂₇H₄₅IN₂
Molecular Weight : 524.56
Target : Eukaryotic Initiation Factor (eIF)
Solubility : 10 mM in DMSO



Biological Activity

NH125 is a potent eukaryotic eEF-2 kinase (**eEF2K**) inhibitor with IC₅₀ of 60 nM in vitro and blocks the phosphorylation of eEF-2 in intact cells.

NH125 shows relative selectivity over other protein kinases: PKC (IC₅₀=7.5 uM), PKA (IC₅₀=80 uM), and CaMKII (IC₅₀>100 uM).

NH125 shows efficacious anti-proliferation activity against different cancer cells.

References

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Arora S, et al. *Cancer Res*. 2003 Oct 15;63(20):6894-9.

Chen Z, et al. *J Biol Chem*. 2011 Dec 23;286(51):43951-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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