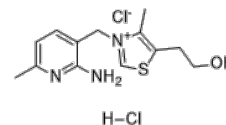


Product Name : N3PT
Cat. No. : PC-24830
CAS No. : 13860-66-7
Molecular Formula : C₁₃H₁₉Cl₂N₃OS
Molecular Weight : 336.28
Target : Nucleoside Antimetabolite/Analog
Solubility : 10 mM in DMSO



Biological Activity

N3PT (N3-pyridyl thiamine) is a potent and selective transketolase inhibitor, N3PT is pyrophosphorylated and then binds to transketolase with K_d of 22 nM.

References

Thomas AA, et al. Bioorg Med Chem Lett. 2008 Mar 15;18(6):2206-10.

Thomas AA, et al. Bioorg Med Chem Lett. 2008 Jan 15;18(2):509-12.

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

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