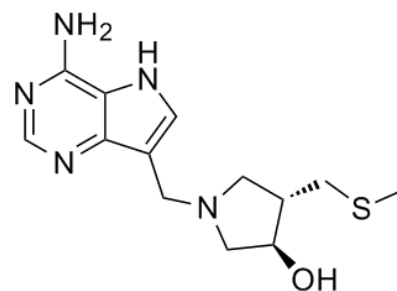


Product Name : MT-DADMe-ImmA
Cat. No. : PC-42402
CAS No. : 653592-04-2
Molecular Formula : C₁₃H₁₉N₅OS
Molecular Weight : 293.38786
Target : Nucleoside Antimetabolite/Analog
Solubility : DMSO
4. Singh V, et al. *Biochemistry*. 2004 Jan 13;43(1):9-18.



Biological Activity

A stable transition state analogue and inhibitor of human 5'-methylthioadenosine phosphorylase (**MTAP**) with dissociation constant of 86 pM; increases cellular 5'-methylthioadenosine (MTA) concentrations, decreases polyamines, and induces apoptosis in head and neck squamous cell carcinoma cell lines.

References

- Basu I, et al. *J Biol Chem*. 2007 Jul 20;282(29):21477-86.
Guan R, et al. *Biochemistry*. 2013 Nov 19;52(46):8313-22.
Firestone RS, et al. *ACS Chem Biol*. 2017 Feb 17;12(2):464-473.

