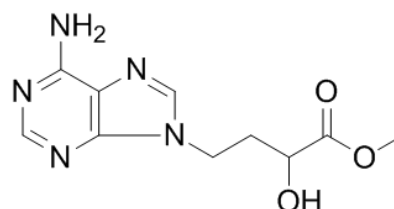


Product Name : DZ2002
Cat. No. : PC-45486
CAS No. : 33231-14-0
Molecular Formula : C₁₀H₁₃N₅O₃
Molecular Weight : 251.2419
Target : Other Targets
Solubility : DMSO: ≥ 61 mg/mL



Biological Activity

DZ2002 is a potent, reversible type III inhibitor of **SAHH** (S-adenosyl-L-homocysteine hydrolase) with K_i of 17.9 nM. DZ2002 is more effectively than type I inhibitor DHCaA with greatly reduced cytotoxicity. DZ2002 significantly reduces both a mixed lymphocyte reaction and IL-12 production from in vitro-stimulated splenocytes. DZ2002 suppresses a delayed-type hypersensitivity reaction and antibody secretion in vivo.

References

- Wu QL, et al. *J Pharmacol Exp Ther*. 2005 May;313(2):705-11.
Fu YF, et al. *J Pharmacol Exp Ther*. 2006 Mar;316(3):1229-37.
Kominsky DJ, et al. *J Immunol*. 2011 Jun 1;186(11):6505-14.

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

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