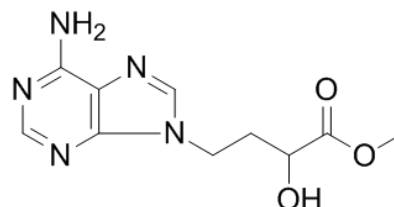


**Product Name** : DZ-2002  
**Cat. No.** : PC-45486  
**CAS No.** : 33231-14-0  
**Molecular Formula** : C<sub>10</sub>H<sub>13</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 251.2419  
**Target** : Other Targets  
**Solubility** : DMSO: ≥ 61 mg/mL



## Biological Activity

A potent, reversible type III inhibitor of SAHH (S-adenosyl-L-homocysteine hydrolase) with  $K_i$  of 17.9 nM; more effectively than type I inhibitor DHCaA with greatly reduced cytotoxicity; significantly reduces both a mixed lymphocyte reaction and IL-12 production from in vitro-stimulated splenocytes; 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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