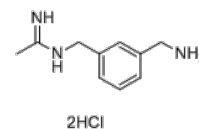


Product Name : 1400W dihydrochloride
Cat. No. : PC-70228
CAS No. : 214358-33-5
Molecular Formula : C₁₀H₁₅N₃ • 2HCl
Molecular Weight : 250.2
Target : Nitric Oxide Synthase (NOS)
Solubility : 10 mM in DMSO



Biological Activity

1400W dihydrochloride is a potent, selective inhibitor of **iNOS** with K_i of 7 nM. 1400W dihydrochloride displays >250-fold selectivity over nNOS, and eNOS. 1400W dihydrochloride blocks AGT depletion and rescues the repair of mutagenic O₆-ethyldeoxyguanosines following DEN challenge in livers of GSNOR-deficient (GSNOR(-/-)) mice.

References

- Garvey EP, et al. *J Biol Chem*. 1997 Feb 21;272(8):4959-63.
Inano H, et al. *Nitric Oxide*. 2005 Feb;12(1):15-20.
Tang CH, et al. *Cancer Res*. 2013 May 1;73(9):2897-904.

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

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