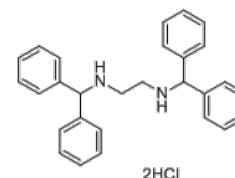


Product Name : AMN 082 dihydrochloride
Cat. No. : PC-61212
CAS No. : 97075-46-2
Molecular Formula : C₂₈H₂₈N₂·2HCl
Molecular Weight : 465.45
Target : mGluR
Solubility : 10 mM in DMSO



Biological Activity

AMN 082 dihydrochloride (AMN082) is potent, selective, brain penetrant, orally active **mGluR7** allosteric agonist, inhibits forskolin-stimulated cAMP accumulation in mGluR7b CHO cells with EC₅₀ of 64 nM.

AMN 082 displays no activating or inhibitory effects at other mGluR subtypes and ionotropic GluRs.

AMN 082 potently inhibits cAMP accumulation and stimulates GTPγS binding with EC₅₀ of 64-290 nM.

AMN 082 elevates the plasma stress hormones corticosterone and corticotropin in an mGluR7-dependent fashion in vivo.

References

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

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