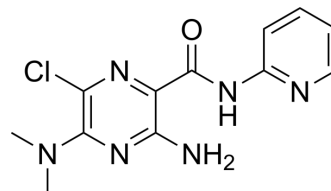


ACDPP

Cat. No.:	HY-103564
CAS No.:	37804-11-8
Molecular Formula:	C ₁₂ H ₁₃ ClN ₆ O
Molecular Weight:	292.72
Target:	mGluR
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	ACDPP is a specific mGluR5 antagonist. ACDPP partially blocks the increase of fragile X mental retardation protein (FMRP) caused by DHPG (HY-12598A) (group I mGluR Agonist) ^[1] .
IC ₅₀ & Target	mGluR5 ^[1]

REFERENCES

[1]. Wang H, et al. Roles of calcium-stimulated adenylyl cyclase and calmodulin-dependent protein kinase IV in the regulation of FMRP by group I metabotropic glutamate receptors. *J Neurosci*. 2008 Apr 23;28(17):4385-97.

Caution: Product has not been fully validated for medical applications. For research use only.

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