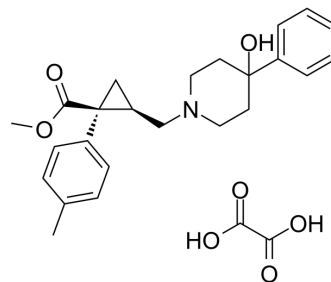


(±)-PPCC oxalate

Cat. No.:	HY-111081C
CAS No.:	1781628-91-8
Molecular Formula:	C ₂₆ H ₃₁ NO ₇
Molecular Weight:	469.53
Target:	Sigma Receptor
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	(±)-PPCC oxalate is a sigma-1 agonist that mainly interacts with sigma-1 receptors with K _i of 1.5 nM. (±)-PPCC oxalate has effective anti-amnesia effects in rats with mild or severe cognitive impairment, and can improve the cognitive abilities of rats ^[1] .
IC ₅₀ & Target	K _i : 1.5 nM (sigma-1) ^[1] .

REFERENCES

[1]. Antonini V, et al. Anti-amnesic properties of (+/-)-PPCC, a novel sigma receptor ligand, on cognitive dysfunction induced by selective cholinergic lesion in rats. J Neurochem. 2009 May;109(3):744-54.

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

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