

Product Name	: 4-PPBP maleate
Synonyms	: —
Cat No.	: M33824
CAS Number	: 201216-39-9
Molecular Formula	: C ₂₅ H ₃₁ NO ₄
Formula Weight	: 409.52
Chemical Name	: —
Description	: 4-PPBP maleate is a potent σ 1 receptor ligand and agonist. 4-PPBP maleate is a non-competitive, selective NR1a/2B NMDA receptors (expressed in Xenopus oocytes) antagonist. 4-PPBP maleate provides neuroprotection.
Pathway	: Autophagy
Target	: Sigma receptor
Receptor	: Sigma receptor NMDAR
Solubility	: In Vitro: ?DMSO : 250 mg/mL (610.47 mM; Ultrasonic)
SMILES	: <chem>C(=C)C(O=O)C(O)=O.C(CCCC1=CC=CC=C1)N2CCC(CC2)C3=CC=CC=C3</chem>
Storage	: (-20°C)
Stability	: $\geq$ 2 years
Reference	:

1. Whitemore ER, et al. Antagonism of N-methyl-D-aspartate receptors by sigma site ligands: potency, subtype-selectivity and mechanisms of inhibition. J Pharmacol Exp Ther. 1997;282(1):326-338.