
Product Name	: TCS PrP Inhibitor 13
Synonyms	: 5-(4-Nitrophenyl)-2-Phenyl-4H-Pyrazol-3-One
Cat No.	: M27727
CAS Number	: 34320-83-7
Molecular Formula	: C ₁₅ H ₁₁ N ₃ O ₃
Formula Weight	: 281.3
Chemical Name	: —
Description	: TCS PrP Inhibitor 13 is an antiprion agent inhibiting protease-resistant prion protein (PrP-res) accumulation. (In Vitro): In Schwannoma cells, administration of 0-500 μM TCS PrP Inhibitor 13 reduces levels of total ERK1/2, pAKT, total FAK, Cyclin D1, PrPC and increases expression of cleaved caspase-3 significantly. TCS PrP Inhibitor 13 also significantly reduces the number of proliferating, Ki67-positive cells and total cell number in Schwannoma cells.
Pathway	: Others
Target	: Other Targets
Receptor	: —
Solubility	: —
SMILES	: [O-][N+](=O)c1ccc(cc1)C1=NN(C(=O)C1)c1ccccc1
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Ensslin HK, Kovar KA, Maurer HH. Toxicological detection of the designer drug 3,4-methylenedioxyethylamphetamine (MDE, "Eve") and its metabolites in urine by gas chromatography-mass spectrometry and fluorescence polarization immunoassay. J Chromatogr B Biomed Appl. 1996 Aug 30;683(2):189-97.