

Product Name	: Pinostrobin
Synonyms	: —
Cat No.	: M24431
CAS Number	: 480-37-5
Molecular Formula	: C ₁₆ H ₁₄ O ₄
Formula Weight	: 270.3
Chemical Name	: —
Description	Pinostrobin, a potent flavonoid inducer, exerts a neuroprotective effect against A α 2(25-35)-induced neurotoxicity in PC12 cells, at least in part, via inhibiting oxidative damage and calcium overload, as well as suppressing the mitochondrial pathway of cellular apoptosis.
Pathway	: Membrane Transporter/Ion Channel
Target	: Beta Amyloid
Receptor	: Beta Amyloid; IL Receptor; TNF- α
Solubility	: —
SMILES	: <chem>COc1cc(O[C@@H](CC2=O)c3ccccc3)c2c(O)c1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Inhibition of the toxic effects of Bothrops asper venom by pinostrobin, a flavanone isolated from Renealmia alpinia (Rottb.) MAAS. J Ethnopharmacol. 2014 Sep 29;155(3):1609-15.