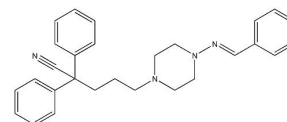


Technical Data Sheet

α,α -Diphenyl-4-[(3-pyridinylmethylene)amino]-1-piperazinepentanenitrile

Compound Information

Product Name:	α,α -Diphenyl-4-[(3-pyridinylmethylene)amino]-1-piperazinepentanenitrile
CAS No.:	218136-59-5
Molecular Formula:	C ₂₇ H ₂₉ N ₅
Molecular Weight:	423.55
Storage:	Store at -20°C
Revision Date:	2026-04-27



Analytical Information

Tests	Specifications
Description	SC-26196 is a potent, orally active D6D inhibitor (IC ₅₀ = 0.2 μ M in a rat liver microsomal assay) that completely blocks the conversion of linoleic acid to arachidonic acid (AA).
IUPAC Name	α,α - Diphenyl- 4- [(3- pyridinylmethylene)amino]- 1- piperazinepentanenitrile
Form	powder
Color	white to tan
HPLC	Shows 96.4% purity
Solubility	DMSO \geq 4 mg/mL (May need ultrasonic)
MS	Pass test

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.