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DATASHEET

Paliperidone

Product overview

Name	Paliperidone
Cat No	HB1798
Alternative names	9-Hydroxyrisperidone 9-OH-risperidone
Biological action	Antagonist
Purity	>98%
Description	5-HT _{2A} and D ₂ antagonist. Antipsychotic.

Biological Data

Biological description	5-HT _{2A} and D ₂ antagonist (K _i = 0.4 nM at h5-HT _{2A} receptors). Risperidone metabolite. Atypical antipsychotic.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO (10mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidinyl]ethyl]-6,7,8,9-tetrahydro-9-hydroxy-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one
Molecular Weight	426.48
Chemical structure	
Molecular Formula	C ₂₃ H ₂₇ FN ₄ O ₃
CAS Number	144598-75-4
PubChem identifier	115237
SMILES	FC1=CC2=C(C(C3CCN(CCC4=C(C)N=C(C(O)CCC5)N5C4=O)CC3)=NO2)C=C1
InChiKey	PMXMIIMHBWHSKN-UHFFFAOYSA-N