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## DATASHEET

Paliperidone

### Product overview

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

### Biological Data

<b>Biological description</b>	5-HT <sub>2A</sub> and D <sub>2</sub> antagonist (K <sub>i</sub> = 0.4 nM at h5-HT <sub>2A</sub> receptors). Risperidone metabolite. Atypical antipsychotic.
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### Solubility & Handling

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

### Chemical Data

<b>Chemical name</b>	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
<b>Molecular Weight</b>	426.48
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>27</sub> FN <sub>4</sub> O <sub>3</sub>
<b>CAS Number</b>	144598-75-4
<b>PubChem identifier</b>	115237
<b>SMILES</b>	FC1=CC2=C(C(C3CCN(CCC4=C(C)N=C(C(O)CCC5)N5C4=O)CC3)=NO2)C=C1
<b>InChiKey</b>	PMXMIIMHBWHSKN-UHFFFAOYSA-N