

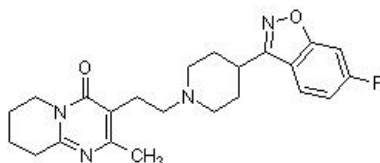
Product datasheet

Risperidone, 5-HT_{2A} / D₂ antagonist ab120393

2 References 1 Image

Overview

Product name	Risperidone, 5-HT _{2A} / D ₂ antagonist
Description	Atypical antipsychotic. 5-HT _{2A} / D ₂ antagonist.
Biological description	Atypical antipsychotic agent. Potent 5-HT _{2A} antagonist (K _i = 0.4 nM). Also displays high affinity at D ₂ receptors (K _i = 3.13 nM).
Purity	> 99%
CAS Number	106266-06-2
Chemical structure	



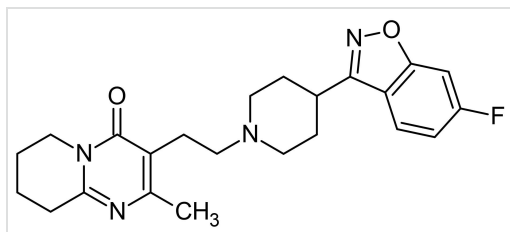
Properties

Chemical name	3-[2-[4-(6-Fluoro-1,2-benzisoxazol-3-yl)-1-piperidiny] ethyl]-6,7,8,9-tetrahydro-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one
Molecular weight	410.48
Molecular formula	C ₂₃ H ₂₇ FN ₄ O ₂
PubChem identifier	5073
Storage instructions	Store at +4°C. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 10 mM and in ethanol to 10 mM
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC=5N=C1CCCCN1C(=O)C=5CCN2CCC(CC2)c4noc3cc(F)ccc34

Source

Synthetic

Images



2D chemical structure image of ab120393, Risperidone, 5-HT_{2A} / D₂ antagonist

Chemical Structure - Risperidone, 5-HT_{2A} / D₂ antagonist (ab120393)

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