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DATASHEET

Zotepine

Product overview

Name	Zotepine
Cat No	HB1778
Biological action	Antagonist
Purity	>99%
Description	5-HT _{2A} and dopamine D ₂ receptor antagonist. Atypical antipsychotic.

Biological Data

Biological description	5-HT _{2A} and D ₂ receptor antagonist (K _i values are 0.69 and 2.3 nM respectively). Also a potent histamine H ₁ receptor antagonist (IC ₅₀ = 8.0 nM). Atypical antipsychotic. Shows antidepressive and anxiolytic effects. Active <i>in vivo</i> .
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (50mM)
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	2-[(8-Chlorodibenzo(Z)[b,f]thiepin- 10-yl)oxy]-N,N-dimethylethanamine
Molecular Weight	331.86
Chemical structure	
Molecular Formula	C ₁₈ H ₁₈ ClNOS
CAS Number	26615-21-4
PubChem identifier	5736
SMILES	C1C3=CC=C2SC1=CC=CC=C1C=C(OCCN(C)C)C2=C3
InChiKey	HDOZVRUNCMBHFH-UHFFFAOYSA-N