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DATASHEET

LE 300

Product overview

Name	LE 300
Cat No	HB1868
Biological action	Antagonist
Purity	>98%
Description	Potent, selective D ₁ receptor antagonist

Biological Data

Biological description	Potent and selective D ₁ receptor antagonist (K _i values are 0.08 - 1.9 nM and 6 - 45 nM for D ₁ and D ₂ receptors respectively). Also shows activity at the 5-HT _{2A} receptor (K _i = 20 nM). Active <i>in vivo</i> .
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Solubility & Handling

Storage instructions	Room temperature
Solubility overview	Soluble in DMSO (100mM) or water (50mM, 1eq. HCl)
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	6,7,8,9,14,15-Hexahydro-7-methyl-5 <i>H</i> -indolo[3,2- <i>f</i>][3]benzazecine
Molecular Weight	290.41
Chemical structure	
Molecular Formula	C ₂₀ H ₂₂ N ₂
CAS Number	274694-98-3
PubChem identifier	4350931
SMILES	CN1CCC2=C(CC3=CC=CC=C3CC1)NC1=CC=CC=C21
InChiKey	YEWGIGCYIAMFMA-UHFFFAOYSA-N
