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DATASHEET

Bupirone hydrochloride

Product overview

Name	Bupirone hydrochloride
Cat No	HB1649
Biological action	Agonist
Purity	>99%
Description	Classic 5-HT _{1A} partial agonist

Biological Data

Biological description	Classic 5-HT _{1A} partial agonist ($K_i = 9.3 - 29.5$ nM). Shows anxiolytic activity.
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Solubility & Handling

Storage instructions	+4 °C (desiccate)
Solubility overview	Soluble in water (100mM) or DMSO (100mM)
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	8-[4-[4-(2-Pyrimidinyl)-1-piperazinyl]butyl]-8-azaspiro[4,5]decane-7,9-dione hydrochloride
Molecular Weight	421.97
Molecular Formula	C ₂₁ H ₃₁ N ₅ O ₂ .HCl
CAS Number	33386-08-2
PubChem identifier	36431
SMILES	Cl.O=C1CC2(CCCC2)CC(=O)N1CCCCN1CCN(CC1)C1=NC=CC=N1
InChiKey	RICLFGYGYQXUFH-UHFFFAOYSA-N