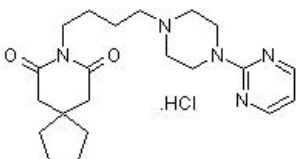


Product datasheet

Buspirone hydrochloride, 5-HT_{1A} agonist ab120420

1 Image

Overview

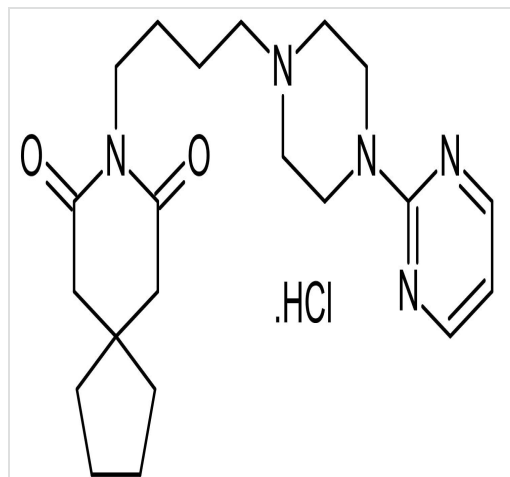
Product name	Buspirone hydrochloride, 5-HT _{1A} agonist
Description	5-HT _{1A} agonist. Anxiolytic.
Biological description	5-HT _{1A} partial agonist (K_i = 9.3 - 29.5 nM). Anxiolytic <i>in vivo</i> . Many reported effects including actions on dopaminergic and noradrenergic pathways, as well as the GABA-benzodiazepine receptor chloride ionophore complex.
CAS Number	33386-08-2
Chemical structure	

Properties

Chemical name	N-[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
PubChem identifier	36431
Storage instructions	Store at +4°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO to 100 mM
Handling	<p>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.</p> <p>Toxic, refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>

SMILES Cl.O=C4CC1(CCCC1)CC(=O)N4CCCCN2CCN(CC2)c3ncccn3

Images



2D chemical structure image of ab120420, Buspirone hydrochloride, 5-HT_{1A} agonist

Chemical Structure - Buspirone hydrochloride, 5-HT_{1A} agonist (ab120420)

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