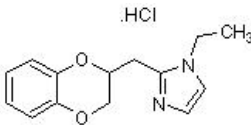


Product datasheet

Imiloxan hydrochloride, α_2B adrenoceptor antagonist ab141137

1 Image

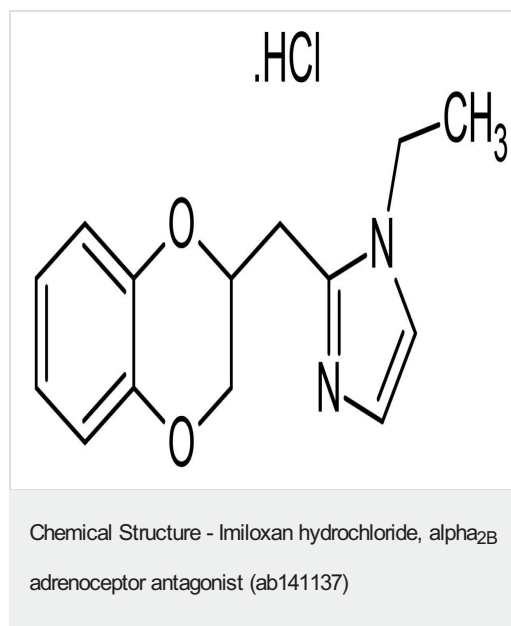
Overview

Product name	Imiloxan hydrochloride, α_2B adrenoceptor antagonist
Description	Highly selective α_2B adrenoceptor antagonist
Biological description	Highly selective α_2B adrenoceptor antagonist ($pK_i = 7.26$). Displays 55-fold higher affinity for α_2B compared to α_{2A} . Active <i>in vivo</i> .
Purity	> 98%
CAS Number	81167-22-8
Chemical structure	

Properties

Chemical name	2-[(2,3-Dihydro-1,4-benzodioxin-2-yl)methyl]-1-ethyl-1H-imidazole hydrochloride
Molecular weight	280.75
Molecular formula	$C_{14}H_{16}N_2O_2 \cdot HCl$
PubChem identifier	172975
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in water 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 $-20^{\circ}C$. 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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>Cl.CCn3ccnc3CC1COc2ccccc2O1</chem>

Images



2D chemical structure image of ab141137, Imiloxan hydrochloride, $\alpha_2\text{B}$ adrenoceptor antagonist

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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- Response to your inquiry within 24 hours
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