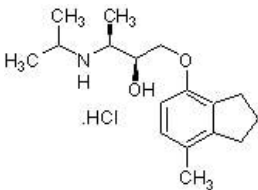


Product datasheet

ICI 118551 hydrochloride, beta2 adrenoceptor antagonist ab120808

[5 References](#) [1 Image](#)

Overview

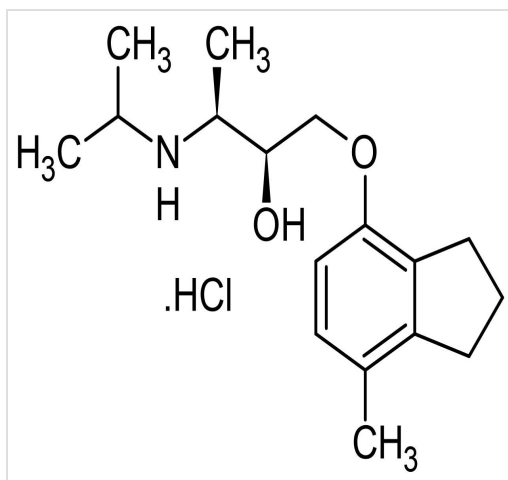
Product name	ICI 118551 hydrochloride, beta2 adrenoceptor antagonist
Description	Highly selective β_2 adrenoceptor antagonist
Biological description	Highly selective β_2 adrenoceptor antagonist (K_i values are 1.2, 120 and 257 nM at β_2 , β_1 and β_3 receptors, respectively). Blood-brain barrier permeable. Decreases vascular tone <i>in vivo</i> .
Purity	> 99%
CAS Number	72795-01-8
Chemical structure	

Properties

Chemical name	(2 <i>R</i> *,3 <i>R</i> *)-1-[(2,3-Dihydro-7-methyl-1 <i>H</i> -inden-4-yl)oxy]-3-[(1-methylethyl)amino]-2-butanol
Molecular weight	313.87
Molecular formula	C ₁₇ H ₂₇ NO ₂ .HCl
PubChem identifier	25102594
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 10 mM and in DMSO to 10 mM
Handling	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. Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.

SMILESCC1=C2CCCC2=C(C=C1)OC[C@@H]([C@H](C)NC(C)C)O.Cl**Source**

Synthetic

Images

2D chemical structure image of ab120808, ICI 118551 hydrochloride, beta2 adrenoceptor antagonist

Chemical Structure - ICI 118551 hydrochloride, beta₂ adrenoceptor antagonist (ab120808)

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

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