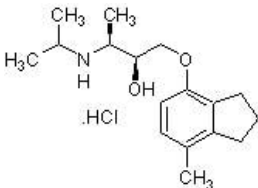


Product datasheet

ICI 118551 hydrochloride, beta₂ adrenoceptor antagonist ab120808

4 References

Overview

| | |
|-------------------------------|--|
| Product name | ICI 118551 hydrochloride, beta ₂ 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 | <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>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p> |

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

Synthetic

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

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