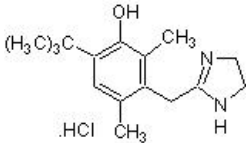


Product datasheet

Oxymetazoline hydrochloride, α_{1A} and partial α_{2A} adrenoceptor agonist ab120712

Overview

Product name	Oxymetazoline hydrochloride, α_{1A} and partial α_{2A} adrenoceptor agonist
Description	α_{1A} and partial α_{2A} adrenoceptor agonist
Biological description	α_{1A} and partial α_{2A} adrenoceptor agonist. K_i values are 6, 320 and 390 nM for α_{1A} , α_{1B} and α_{1C} , respectively. Vasoconstrictor.
Purity	> 99%
CAS Number	2315-02-8
Chemical structure	

Properties

Chemical name	3-[(4,5-Dihydro-1H-imidazol-2-yl)methyl]-6-(1,1-dimethylethyl)-2,4-dimethylphenol hydrochloride
Molecular weight	296.84
Molecular formula	$C_{16}H_{24}N_2O.HCl$
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in water to 50 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>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>
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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- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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