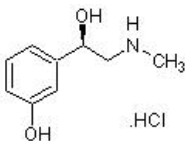


Product datasheet

# (R)-(-)-Phenylephrine hydrochloride, alpha1 Adrenoceptor agonist ab120761

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

## Overview

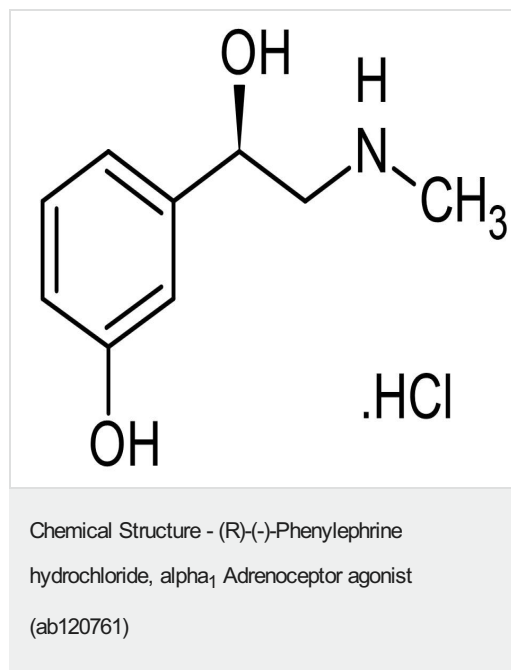
Product name	(R)-(-)-Phenylephrine hydrochloride, alpha1 Adrenoceptor agonist
Description	$\alpha_1$ Adrenoceptor agonist
Biological description	$\alpha_1$ Adrenoceptor agonist. $pK_i$ values are 4.87, 4.70 and 5.86 for adrenoceptor subtypes $\alpha_{1B}$ , $\alpha_{1C}$ and $\alpha_{1AD}$ , respectively. Vasoconstrictor. Active <i>in vivo</i> , may cross the blood-brain barrier.
Purity	> 99%
CAS Number	61-76-7
Chemical structure	

## Properties

Chemical name	(R)-(-)-1-(3-Hydroxyphenyl)-2-methylaminoethanol hydrochloride
Molecular weight	203.67
Molecular formula	$C_9H_{13}NO_2 \cdot HCl$
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 and 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 <math>-20^\circ\text{C}</math>. 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>Refer to SDS for further information.</p> <p>Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.</p>
Source	Synthetic

## Images

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2D chemical structure image of ab120761, (R)-(-)-Phenylephrine hydrochloride,  $\alpha_1$  Adrenoceptor agonist

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

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