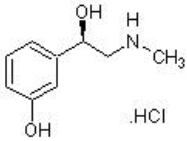


Product datasheet

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

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

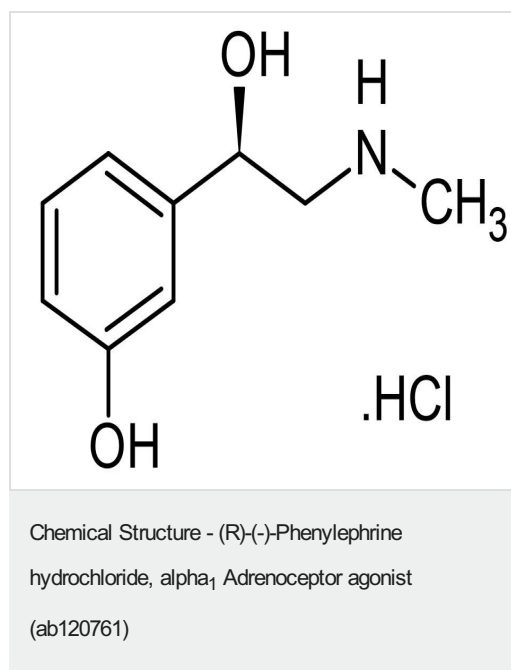
Overview

| | |
|-------------------------------|---|
| Product name | (R)-(-)-Phenylephrine hydrochloride, alpha1 Adrenoceptor agonist |
| Description | α_1 Adrenoceptor agonist |
| Biological description | α_1 Adrenoceptor agonist. pK_i values are 4.87, 4.70 and 5.86 for adrenoceptor subtypes α_{1B} , α_{1C} and α_{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 $-20^\circ C$. 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>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 |

Images



2D chemical structure image of ab120761, (R)-(-)-Phenylephrine hydrochloride, α_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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