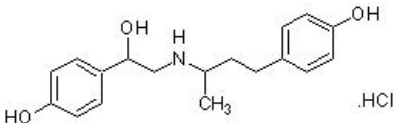


Product datasheet

Ractopamine hydrochloride, beta₁ and beta₂-adrenoceptor agonist ab142536

1 References 1 Image

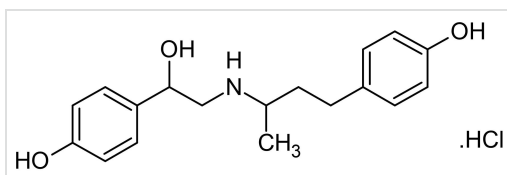
Overview

Product name	Ractopamine hydrochloride, beta ₁ and beta ₂ -adrenoceptor agonist
Description	Potent β ₁ and β ₂ -adrenoceptor agonist
Biological description	Potent β ₁ and β ₂ -adrenoceptor agonist. Increases force and rate of atrial contractions (EC ₅₀ = 100 nM). Relaxes KCl-contracted smooth muscle (EC ₅₀ = 60 nM). Orally active <i>in vivo</i> .
Purity	> 98%
CAS Number	90274-24-1
Chemical structure	

Properties

Chemical name	4-[3-[[2-Hydroxy-2-(4-hydroxyphenyl)ethyl]amino]butyl]phenol hydrochloride
Molecular weight	337.84
Molecular formula	C ₁₈ H ₂₃ NO ₃ .HCl
PubChem identifier	14010333
Storage instructions	Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
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>
SMILES	CC(CCC1=CC=C(C=C1)O)NCC(C2=CC=C(C=C2)O)O.Cl
Source	Synthetic

Images



2D chemical structure image of ab142536, Ractopamine hydrochloride, beta1 and beta2-adrenoceptor agonist

Chemical Structure - Ractopamine hydrochloride, beta₁ and beta₂-adrenoceptor agonist (ab142536)

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