

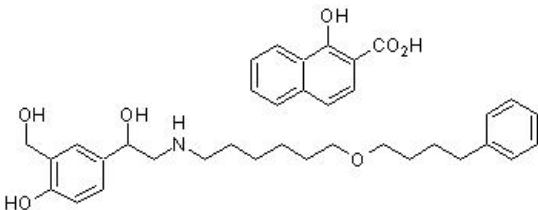
Product datasheet

Salmeterol xinafoate, beta2 adrenoceptor agonist

ab120771

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

Overview

Product name	Salmeterol xinafoate, beta2 adrenoceptor agonist
Description	Selective, long acting β_2 adrenoceptor agonist
Biological description	Selective, long acting β_2 adrenoceptor agonist. Inhibits release of histamine, leukotrienes, prostaglandin D ₂ and GM-CSF in concentration-dependent manner. Active <i>in vitro</i> and <i>in vivo</i> .
Purity	> 96%
CAS Number	94749-08-3
Chemical structure	

Properties

Chemical name	4-Hydroxy- α 1-[[[6-(4-phenylbutoxy)hexyl]amino]methyl]-1,3-benzenedimethanol xinafoate
Molecular weight	603.75
Molecular formula	C ₂₅ H ₃₇ NO ₄ .C ₁₁ H ₈ O ₃
PubChem identifier	56801
Storage instructions	Store at Room Temperature. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in ethanol to 25 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°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>

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

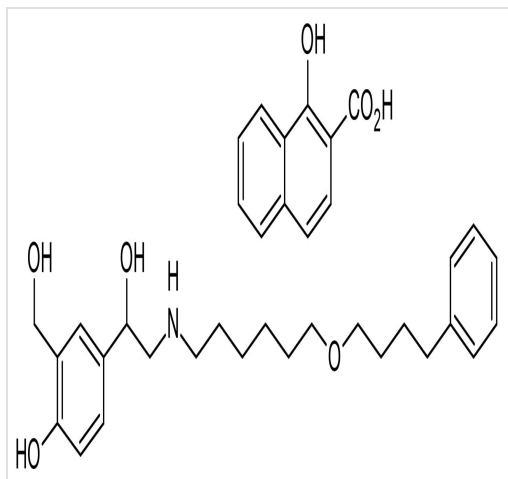
SMILES

OCc1cc(ccc1O)C(O)CNCCCCCOC(Cc2ccccc2)O=C(O)c2ccc1ccccc1c2O

Source

Synthetic

Images



2D chemical structure image of ab120771, Salmeterol xinafoate, beta2 adrenoceptor agonist

Chemical Structure - Salmeterol xinafoate, beta₂ adrenoceptor agonist (ab120771)

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

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