Salbutamol hemisulfate, Non-selective beta adrenoceptor agonist ab120714

Overview

Product name: Salbutamol hemisulfate, Non-selective beta adrenoceptor agonist
Description: Non-selective β adrenoceptor agonist
Biological description: Non-selective β adrenoceptor agonist (pK_D values are 4.68 and 6.01 for β_1 and β_2, respectively). Stimulates epinephrine and norepinephrine release in vitro.
Purity: > 99%
General notes: This product is reported to be light sensitive

Properties

Chemical name: α₁-[[[(1,1-Dimethylethyl)amino]methyl]-4-hydroxy-1,3-benzenedimethanol hemisulfate
Molecular weight: 288.35
Chemical structure:

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\text{Molecular formula: } C_{13}H_{21}NO_3\cdot0.5H_2SO_4
\]
CAS Number: 51022-70-9
Storage instructions: Store at Room Temperature. The product can be stored for up to 12 months.
Solubility overview: Soluble in water to 100 mM
Handling: 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.

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

Source: Synthetic

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE, NOT FOR USE IN HUMANS"
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- Response to your inquiry within 24 hours
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