Product datasheet

Salbutamol hemisulfate ab120714

Overview

Product name: Salbutamol hemisulfate
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: α_1_-([(1,1-Dimethylethyl)amino]methyl)-4-hydroxy-1,3-benzenedimethanol hemisulfate
Molecular weight: 288.35
Chemical structure:

![Chemical structure of Salbutamol hemisulfate](image)

Molecular formula: C_{13}H_{21}NO_{3}·0.5H_{2}SO_{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

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