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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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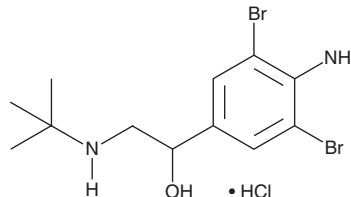
PRODUCT INFORMATION



Brombuterol (hydrochloride)

Item No. 33592

CAS Registry No.: 21912-49-2
Formal Name: 4-amino-3,5-dibromo- α -[[[1,1-dimethylethyl)amino)methyl]-benzenemethanol, monohydrochloride
MF: C₁₂H₁₈Br₂N₂O • HCl
FW: 402.6
Purity: \geq 95%
UV/Vis.: λ_{max} : 215 nm
Supplied as: A solid
Storage: -20°C
Stability: \geq 2 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Brombuterol (hydrochloride) is supplied as a solid. A stock solution may be made by dissolving the brombuterol (hydrochloride) in the solvent of choice, which should be purged with an inert gas. Brombuterol (hydrochloride) is soluble in DMSO and methanol.

Description

Brombuterol is an agonist of the β_2 -adrenergic receptor (β_2 -AR).¹ It has been used as an illicit feed additive to increase the muscle-to-fat ratio of livestock.

Reference

1. González-Antuña, A., Rodríguez-González, P., Centineo, G., *et al.* Simultaneous determination of seven β_2 -agonists in human and bovine urine by isotope dilution liquid chromatography-tandem mass spectrometry using compound-specific minimally ¹³C-labelled analogues. *J. Chromatogr. A.* **1372**, 63-71 (2014).

WARNING

THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA

This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

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