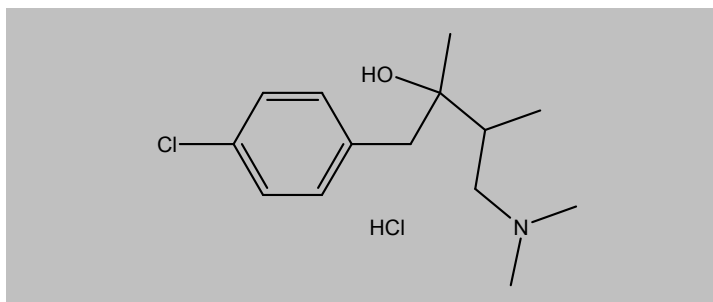


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 16/09/2016
COA Revision Date: 16/09/2019

Product: Clobutinol hydrochloride
Cat. No.: BG0147
Batch No.: 0147BG/01
Chemical Name: 1-p-Chlorophenyl-2,3-dimethyl-4-dimethylamino-2-butanol hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₄H₂₂ClNO .HCl
Batch Molecular Weight: 292.24
CAS No.: [1215-83-4]
Physical Appearance: White solid
Melting Point: 173.4
Solubility: Soluble to 100 mM in DMSO
Storage: RT
Batch Molecular Structure:



Product Description: A non-opioid antitussive drug. Recently its arrhythmogenic potential has been reported: it precipitates the Long QT syndrome 2. Products containing Clobutinol were withdrawn from sale 2007.

References: 1. Salonen (1988) Arzneimittelforschung 38:609; 2. Bellocq et al. (2004) Mol Pharmacol 66:1093

- CAUTION - Not fully tested. For Research use only. Not for human use. -

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BG0147 Clobutinol hydrochloride

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: pH: 4.9 (complies); Sulphated Ash: 0.01% (complies); Heavy Metals: < 20 ppm (complies); Assay (non-aqueous titration): 100.5% (complies).

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