

Certificate of Analysis

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Product Name: MR 16728 hydrochloride

Catalog No.: 0537

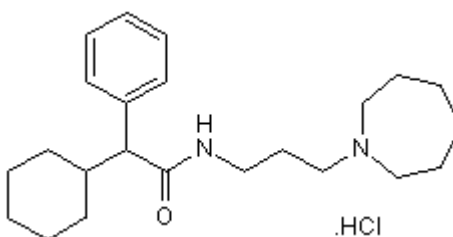
Batch No.: 1

CAS Number: 207403-36-9

IUPAC Name: *N*-[3-(1-Hexahydroazapinyl)propyl]- α -cyclohexyl-benzeneacetamide hydrochloride

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂₃H₃₆N₂O.HCl
Batch Molecular Weight: 393.01
Physical Appearance: Light yellow solid
Solubility: DMSO to 100 mM
Storage: Desiccate at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

Melting Point: At 153°C
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

Product Information

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Description:

This analog of cetiedil stimulates the release of acetylcholine from synaptosomes.

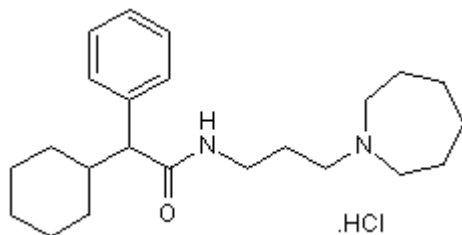
Physical and Chemical Properties:

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Batch Molecular Weight: 393.01

Physical Appearance: Light yellow solid

Batch Molecular Structure:



Storage: Desiccate at -20°C

Solubility & Usage Info:

DMSO to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References:

Moulian *et al* (1993) The effect of MR 16728, a cetiedil analogue, on acetylcholine release in torpedo synaptosomes. *Eur.J.Pharmacol.* **231** 407. PMID: 8449232.

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