

Product Name: MDL 72222

Catalog No.: 0640

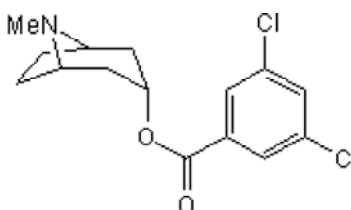
Batch No.: 3

CAS Number: 40796-97-2

IUPAC Name: Tropanyl 3,5-dichlorobenzoate

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₅H₁₇Cl₂NO₂
Batch Molecular Weight: 314.21
Physical Appearance: White solid
Solubility: DMSO to 100 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.33 (Ethyl acetate:Acetic acid:Triethylamine [8:2:0.5])
HPLC: Shows 99.9% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	57.34	5.45	4.46
Found	57.22	5.51	4.68

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

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IUPAC Name: Tropanyl 3,5-dichlorobenzoate

Description:

5-HT₃ antagonist.

Physical and Chemical Properties:

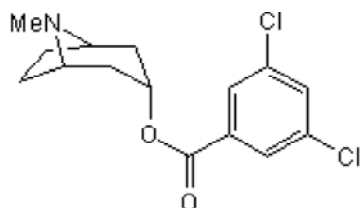
Batch Molecular Formula: C₁₅H₁₇Cl₂NO₂

Batch Molecular Weight: 314.21

Physical Appearance: White solid

Minimum Purity: >99%

Batch Molecular Structure:



Storage: Store at RT

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:

Richardson and Engel (1986) The pharmacology and function of 5-HT₃ receptors. Trends Neurosci. **9** 424.

Fozard (1984) MDL 72222: a potent and highly selective antagonist at neuronal 5-hydroxytryptamine receptors. Naunyn Schmiedebergs Arch.Pharmacol. **326** 36. PMID: 6472484.

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