

Dextromethorphan Hydrobromide CAS No. : 6700-34-1

This product meets USP specifications (Current through USP 23, 4th Supplement), and is traceable to USP Reference Standard lot I

Preserve in tight containers at room temperature. Do not dry; determine water content titrimetrically at time of use. Use promptly. Discard unused material.

Active Pharmaceuticals Ingredients Manufacturers



Taj Pharma PDF

Taj Pharmaceuticals Ltd.

Dexamethorphan Hydrobromide

CAS No. : 6700-34-1

Dextromethorphan Hydrobromide

$C_{18}H_{25}NO \cdot HBr \cdot H_2O$ 370.32

Synonym:

Morphinan, 3-methoxy-17-methyl-, (9a,13a,14a)-, hydrobromide, monohydrate.

3-Methoxy-17-methyl-9a,13a,14a- morphinan hydrobromide, monohydrate

Identifiers

Cas No : 6700-34-1

ATC code R05DA09

PubChem CID 15978238

DrugBank APRD00655

ChemSpider 13109865 Yes

UNII 7355X3ROTS Yes

Chemical data

Formula $C_{18}H_{25}NO$

Mol. mass 271.4 g/mol

SMILES eMolecules & PubChem

InChI

Physical data

Melt. point 111 °C (232 °F)

Pharmacokinetic data

Bioavailability 11%

Molecular Weight: 352.31

Empirical Formula (Hill Notation): $C_{18}H_{25}NO \cdot HBr \cdot H_2O$

Properties

Suitability meets USP testing specifications

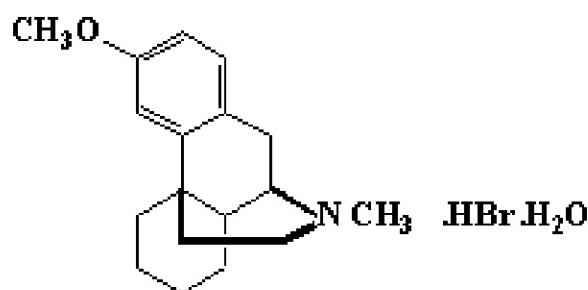
Storage Temperature

Room temperature

Product Information

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TAJ PHARMACEUTICALS LTD

DEXTROMETHORPHAN^{Hbr}

CAS No- 6700-34-1

(DXM or DM) **98%** USP / GRADE

ANTITUSSIVE (COUGH SUPPRESSANT) DRUG

TEST	USP 23 SPECIFICATIONS	Result
Infrared absorption spectrum (197K)	compares to standard	conforms to USP RS lot I
Ultraviolet absorption spectrum 100 µg/mL (197U)	absorptivities at 278 nm, calculated on the anhydrous basis, differ by not more than 3%	conforms to USP RS lot I
Identification C	when dissolved 1 in 200 ,acidified with nitric acid ,the addition of silver nitrate causes a yellowish white precipitate to form .	passes
Specific rotation , 125 180 mg /10 ml solution in dioxane 781)	specific rotation at 325 nm , calculated on the anhydrous basis , does not differ from standard by more than 1 0%	passes
pH 1 in 100 solution 791)	between 5 2 and 6 5	6 5
Water ,Method I 911)	between 3 5% and 5 5%	4 8%
Residue on ignition 281)	not more than 0 1%	passes
Limit of N N -dimethylaniline	0 001%	passes
Phenolic compounds	no blue -green color develops	passes
Assay high pressure liquid chromatography 611)	not less than 98 0% and not more than 102 0%	101 8%





Note: These API/ chemicals are designated as those that are used in the manufacture of the controlled substances and are important to the manufacture of the substances. For any (Control Substance) products Import and Export *** subjected to your country government laws /control substance ACT.

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The Controlled Substances Act (CSA) was enacted into law by the Congress of the United States as Title II of the Comprehensive Drug Abuse Prevention and Control Act of 1970.[1] The CSA is the federal U.S. drug policy under which the manufacture, importation, possession, use and distribution of certain substances is regulated. The Act also served as the national implementing legislation for the Single Convention on Narcotic Drugs

This document plus the full buyer/ prescribing information, prepared for health professionals can be found at:

<http://www.tajapi.com>

or by contacting the sponsor, Taj Pharmaceuticals Limited., at:
91 022 30601000.

This leaflet was prepared by
Taj Pharmaceuticals Limited,
Mumbai (India).

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