

Product Datasheet

GP6533 - Diltiazem hydrochloride, EP grade

Pictograms

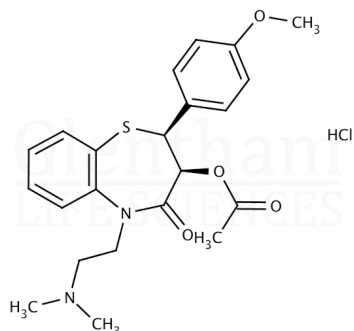


Product Details

Product Name	Diltiazem hydrochloride, EP grade
Glentham Code	GP6533
CAS Number	33286-22-5
EINECS	251-443-3
MDL Number	MFCDD00069252
Related Categories	APIs

Structure

Molecular Weight	: 450.98
Molecular Formula	: $C_{22}H_{26}N_2O_4S \cdot HCl$



Glentham Product Specification

Physical Description	: A white or almost white crystalline powder
Identification (IR)	: To conform to standard
Identification (TLC)	: To pass test
Identification	: To pass tests C, D
Solubility (5% in water)	: Clear, colourless solution
pH (1% in water)	: 4.5 - 5.3
Specific Optical Rotation	: +115 - +120 °
Impurity F	: ≤ 0.3%
Any Unspecified Impurity	: ≤ 0.1%
Total Impurities	: ≤ 0.3%
Loss on Drying	: ≤ 0.5% (105°C, 2h)
Heavy Metals	: ≤ 10ppm
Sulphated Ash	: ≤ 0.1%
Assay	: 98.5 - 101.0 %
Pharmacopoeia Specification(s)	: EP
Version	: v1.0

About Diltiazem hydrochloride, EP grade

No further details on record.

Storage

Recommended storage temperature: +4°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Acute Tox. 4
Signal Word	Warning
Hazard Codes	H302
Precautionary Codes	P280, P261, P301+P312

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025