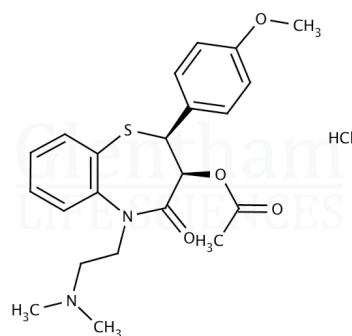


Product Specification

Product Name	Diltiazem hydrochloride, EP grade
Glentham Code	GP6533
CAS Number	33286-22-5
EINECS	251-443-3
MDL Number	MFCD00069252

Molecular Weight	450.98
Molecular Formula	$C_{22}H_{26}N_2O_4S \cdot HCl$
Storage Temp.	+4°C



Property	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

Specification Version	- v1.0
Date Created	- 2018-11-21

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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