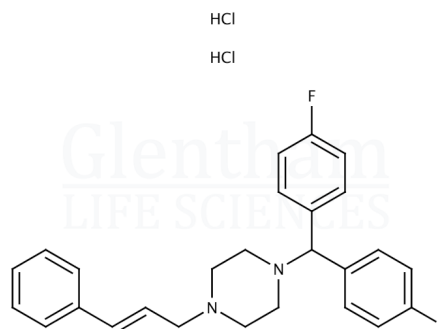


Certificate of Analysis

Product Name Flunarizine hydrochloride
Glentham Code GP9404
CAS Number 30484-77-6
EINECS 250-216-6
MDL Number MFCD00058198
PubChem SID 310273103
Batch Number 181CQL

Molecular Weight 477.40
Molecular Formula $C_{26}H_{26}F_2N_2 \cdot HCl$
Storage Temp. +4°C



Property	Specification	Batch 181CQL
Physical Description	White or almost white powder	White powder
Identification	A, B according to EP	Conforms
Melting Point	~208°C (decomp.)	209 - 210°C
Impurity A	≤ 0.1%	Not detected
Impurity B	≤ 0.5%	0.07%
Impurity C	≤ 0.25%	0.02%
Impurity D	≤ 0.1%	0.05%
Total Impurities	≤ 1.0%	0.25%
Sulphated Ash	≤ 0.1%	0.02%
Loss on Drying	≤ 5.0% (105°C, 4h)	0.3%
Assay	99.0 - 101.5 % (dried substance)	100.2%
Pharmacopoeia Specification(s)	EP	Conforms to EP7.0

Specification Version v1.0
Manufacture Date 2016-06-25
Re-Test Date 2029-09-20

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.

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