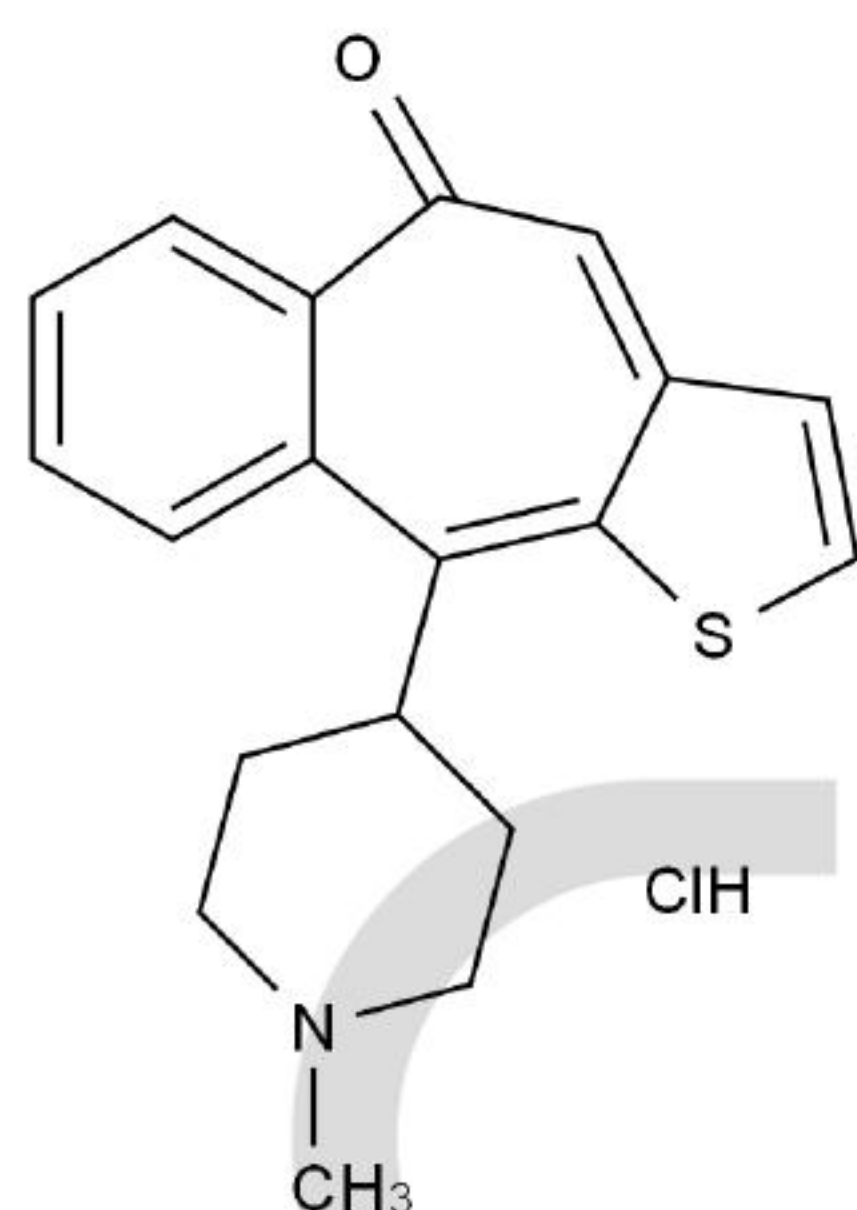


Certificate of Analysis

Reference Material & Standard

Product Name:	Ketotifen Impurity 10 HCl	Catalogue Number:	C4X-204610
Synonyms:	N/A	Lot Number:	0206-RF-0004
CAS Number:	N/A	Expiry Date:	Jan 30, 2027
Molecular Formula:	C ₁₉ H ₁₉ NOS HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	309.43 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8082%
Water Content	Karl Fischer	0.90%
Residual Solvents	NMR	0.2% methanol
Assay		98.7%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Water Content} - \text{Residual Solvents}) * \text{Purity HPLC (\%)} / 100\%$

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Feb 06, 2024

Date: Feb 07, 2024

Date: Feb 07, 2024

