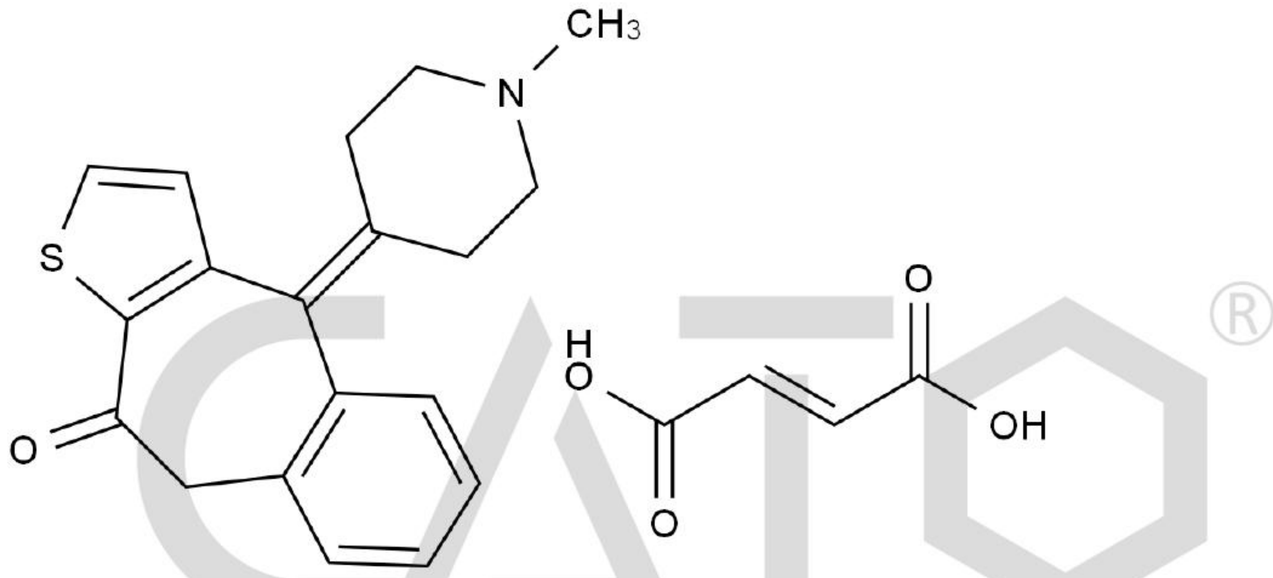
Certificate of Analysis

Reference Material & Standard

Product Name:	Ketotifen Hydrogen Fumarate	**Catalogue Number:**	C4X-2046
Synonyms:	N/A	**Lot Number:**	0917-RH-0120
CAS Number:	34580-14-8	**Expiry Date:**	Sep 21, 2030
Molecular Formula:	$C_{19}H_{19}NOS$ $C_4H_4O_4$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	309.43 116.07	**Shipping Condition:**	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.912%
Residue on Ignition	TGA	0.4070%
Loss on Drying	TGA	0.0719%
Assay		99.4%

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Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residue on Ignition-Loss on Drying) * Purity HPLC (%) /100%*
Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Alice Date: Sep 22, 2026

Reviewed by: Koi Date: Sep 22, 2026

Approved by General Manager: David Date: Sep 22, 2026

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