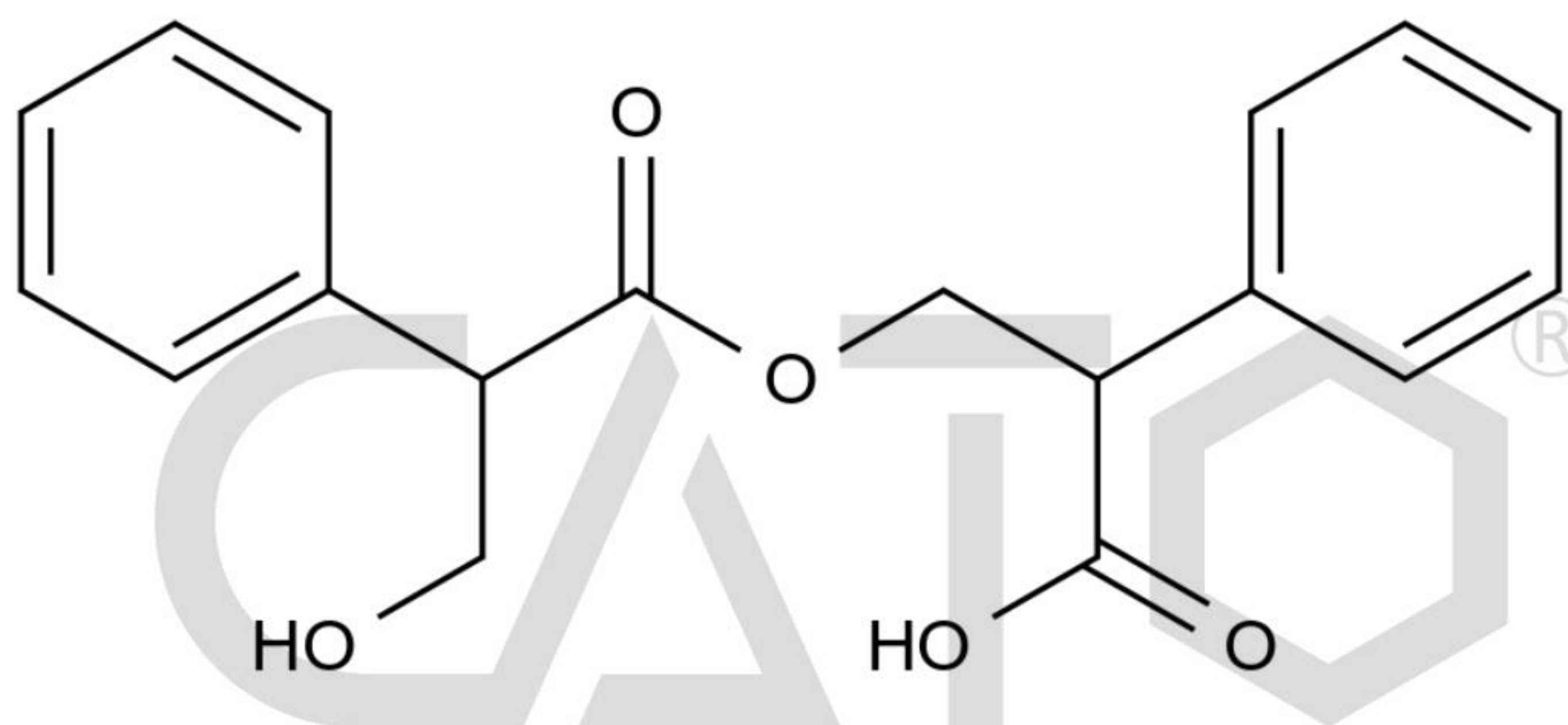


Certificate of Analysis

Reference Material & Standard

Product Name:	Tropicamide Impurity 16	Catalogue Number:	C4X-215016
Synonyms:	N/A	Lot Number:	0802-RH-0071
CAS Number:	1184914-87-1	Expiry Date:	Apr 23, 2029
Molecular Formula:	C ₁₈ H ₁₈ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	314.33	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8453%
Loss on Drying	TGA	0.434%
Assay		99.4%

Comment:

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

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Aug 04, 2026

Date: Aug 04, 2026

Date: Aug 04, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

