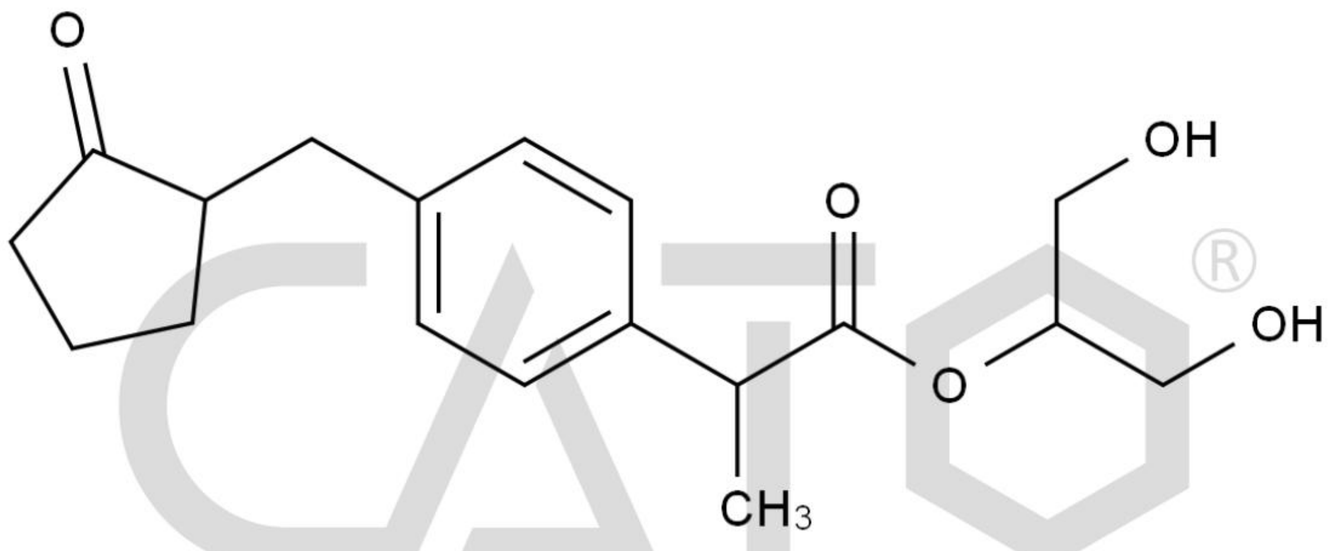
Certificate of Analysis

Reference Material & Standard

Product Name:	Loxoprofen Impurity 42	**Catalogue Number:**	C4X-148842
Synonyms:	N/A	**Lot Number:**	0924-RH-0041
CAS Number:	N/A	**Expiry Date:**	Aug 31, 2030
Molecular Formula:	$C_{18}H_{24}O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	320.38	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Cyan Oil
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.5%
Assay	qNMR	94.8%

CATO Research Chemicals Inc.

Signature:

Prepared by: Date: Sep 24, 2026

Reviewed by: Date: Sep 28, 2026

Approved by General Manager: Date: Sep 28, 2026

CATO Research Chemicals Inc.