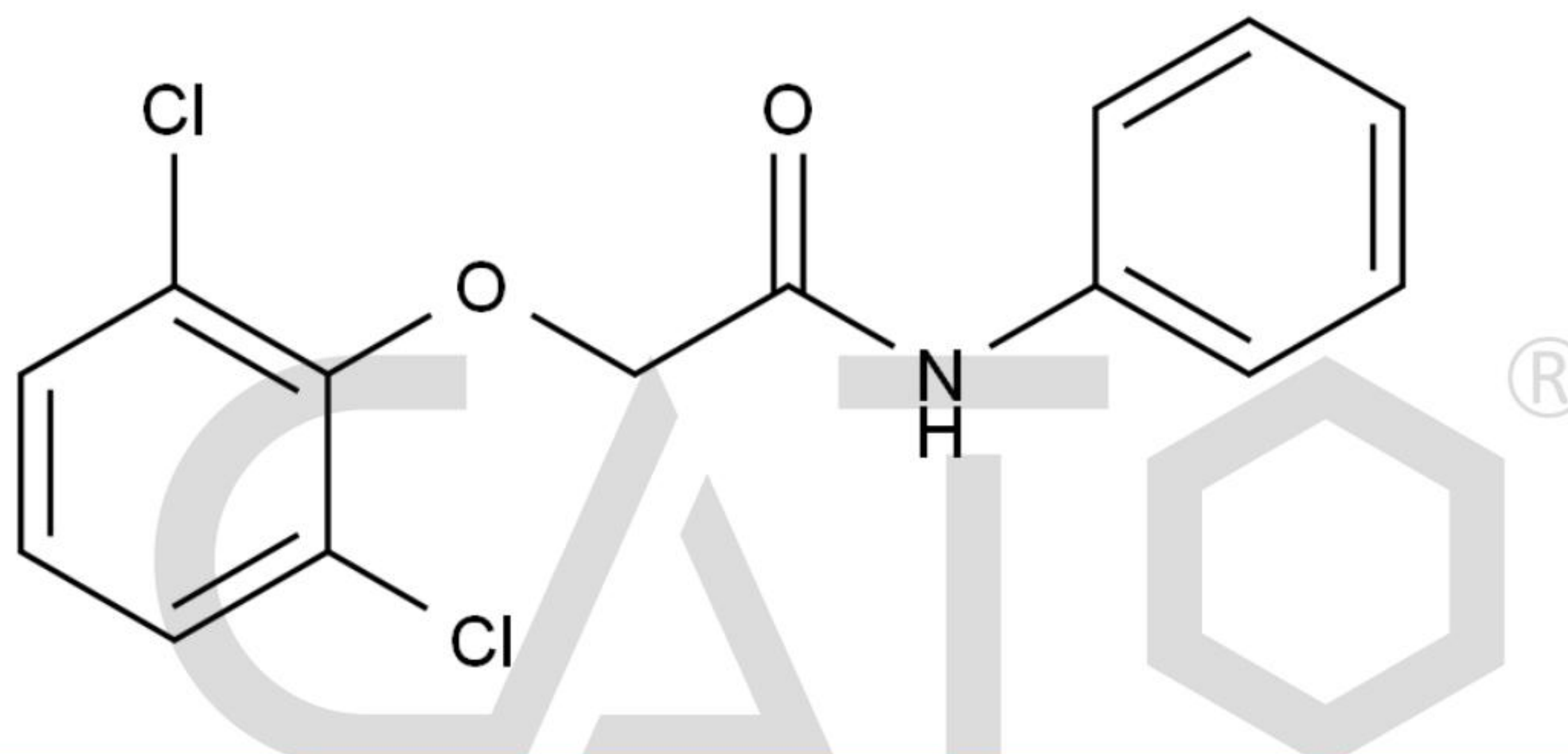


Certificate of Analysis

Reference Material & Standard

Product Name:	Diclofenac Impurity 16	Catalogue Number:	C4X-105116
Synonyms:	N/A	Lot Number:	0515-RH-0059
CAS Number:	146607-19-4	Expiry Date:	May 13, 2030
Molecular Formula:	C ₁₄ H ₁₁ Cl ₂ NO ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	296.15	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.554%
Loss on Drying	TGA	0.16%
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: May 22, 2026

Date: May 22, 2026

Date: May 22, 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>

