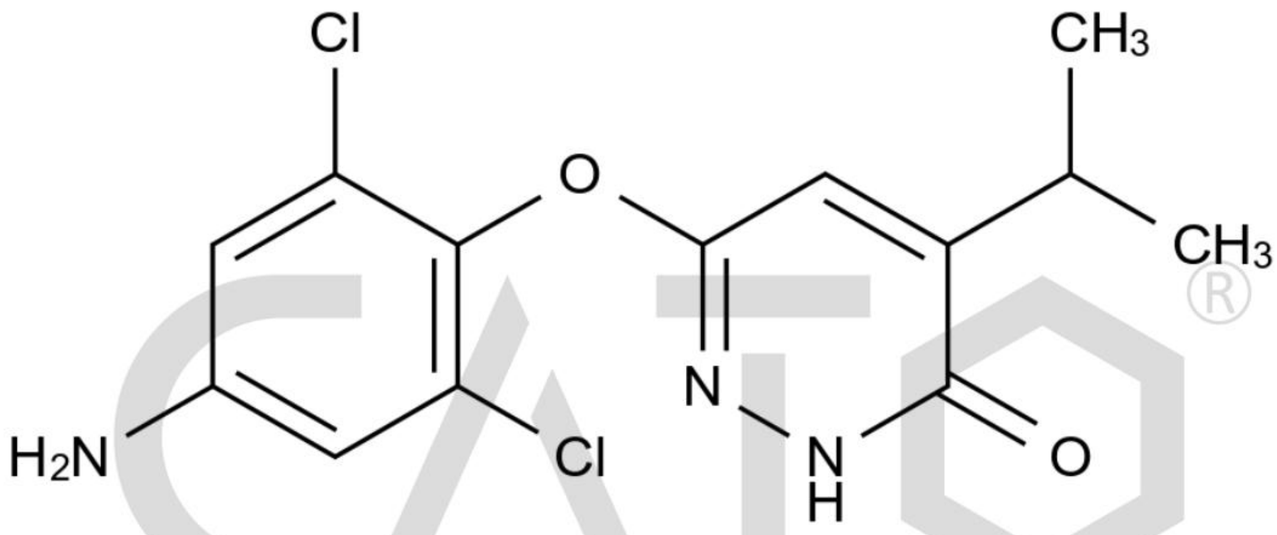
Certificate of Analysis

Reference Material & Standard

Product Name:	Resmetirom Impurity 6	**Catalogue Number:**	C4X-29126
Synonyms:	N/A	**Lot Number:**	1010-RH-0102
CAS Number:	920509-28-0	**Expiry Date:**	Oct 13, 2030
Molecular Formula:	$C_{13}H_{13}Cl_2N_3O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	314.17	**Shipping Condition:**	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Dark Grey Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.637%
Water Content	Karl Fischer	0.5890%
Assay	Mass Balance	98.1%

Comment:

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

Signature:

Prepared by: Alice Date: Oct 14, 2026

Reviewed by: Koi Date: Oct 14, 2026

Approved by General Manager: David Date: Oct 14, 2026

CATO Research Chemicals Inc.