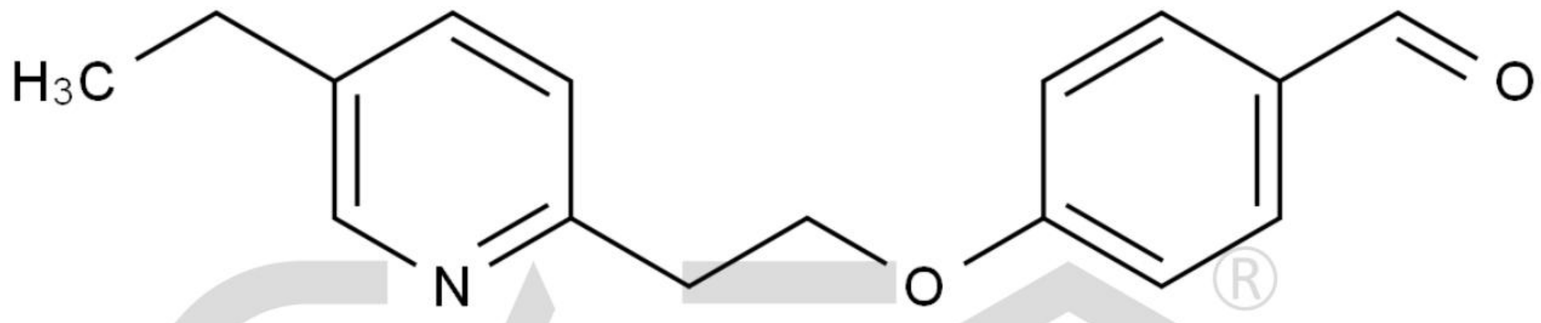
Certificate of Analysis

Reference Material & Standard

Product Name:	Pioglitazone Aldehyde Impurity	**Catalogue Number:**	C4X-138310
Synonyms:	N/A	**Lot Number:**	0922-RH-0024
CAS Number:	114393-97-4	**Expiry Date:**	Sep 22, 2030
Molecular Formula:	$C_{16}H_{17}NO_2$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	255.31	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.8%
Assay	qNMR	96.3%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 23, 2026

Reviewed by: Koi Date: Sep 23, 2026

Approved by General Manager: David Date: Sep 23, 2026

CATO Research Chemicals Inc.