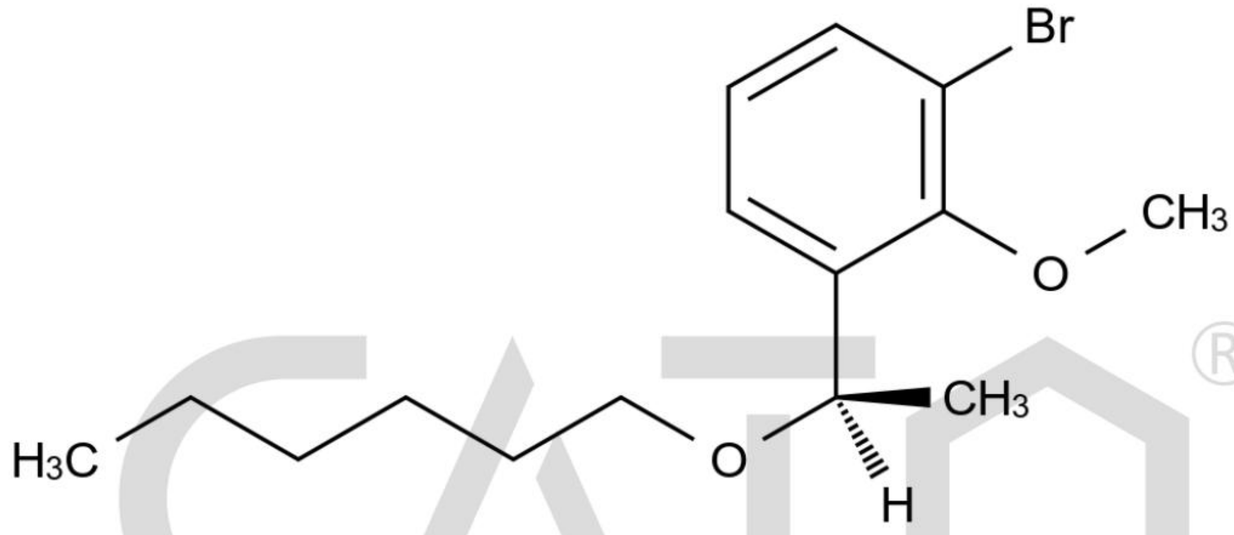
Certificate of Analysis

Reference Material & Standard

Product Name:	Lusutrombopag Impurity 11	**Catalogue Number:**	C4X-208411
Synonyms:	N/A	**Lot Number:**	1223-RF-0037
CAS Number:	N/A	**Expiry Date:**	Dec 24, 2027
Molecular Formula:	C15H23BrO2	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	315.25		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	92.234%
Residual Solvents	NMR	Ethyl acetate
Loss On Drying	TGA	1.5556%
Assay		90.8%

CATO Research Chemicals Inc.

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):
*Assay (%) = (100%-Residual Solvents-Loss On Drying) * Purity HPLC (%) /100%*
Residual Solvents and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by: Koi Date: Dec 25, 2024

Reviewed by: Lisa Date: Dec 25, 2024

Approved by General Manager: David Date: Dec 25, 2024

CATO Research Chemicals Inc.