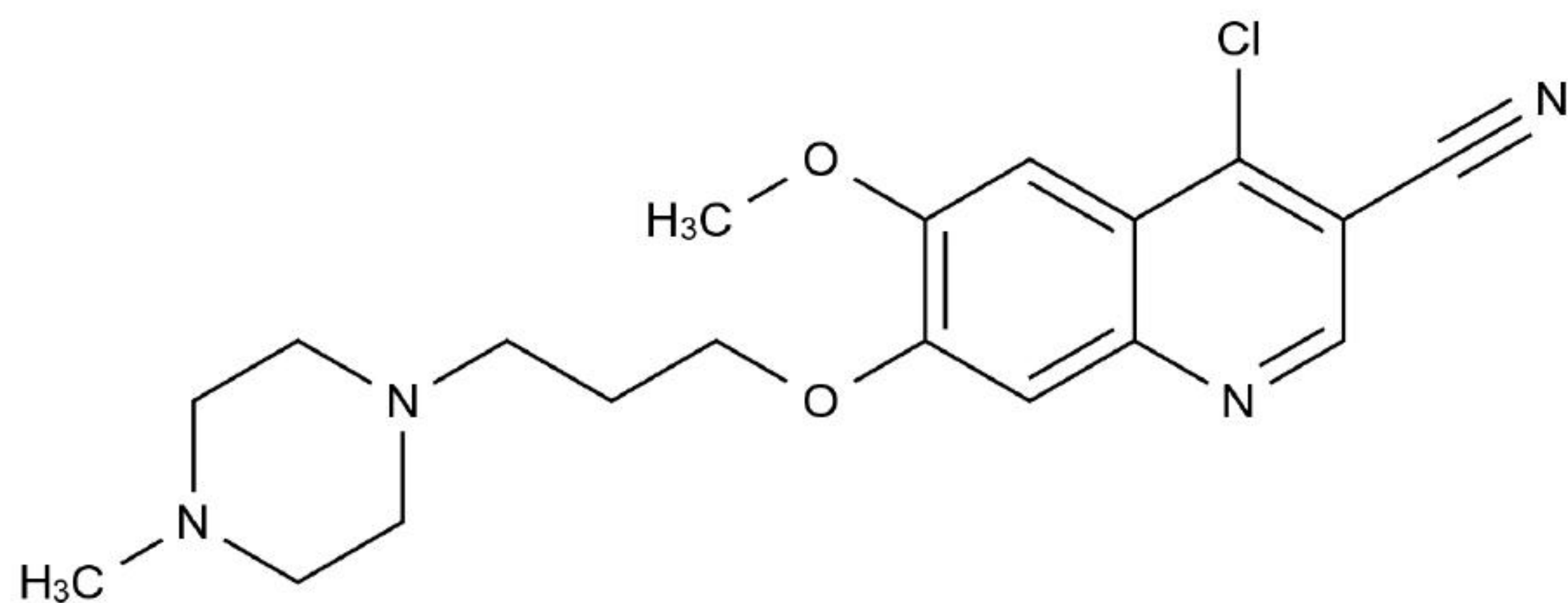


Certificate of Analysis

Intermediate Material

Product Name:	4-Chloro-6-methoxy-7-(3-(4-methylpiperazin-1-yl)propoxy)quinoline-3-carbonitrile	Catalogue Number:	CIM-100258
Batch Size:	N/A	Lot Number:	0902-RD-0047
CAS Number:	492444-39-0	Production Date:	Sep 02, 2022
Molecular Formula:	C ₁₉ H ₂₃ ClN ₄ O ₂	Report Date:	Sep 02, 2022
Molecular Weight:	374.86	Expiry Date:	Sep 01, 2024
		Storage:	Room Temp Protected from light and Sealed

Chemical Structure:



Test Items	Method	Acceptance Criteria	Results
Appearance	Visual inspection	Off-White Solid	Off-White Solid
Identification	LCMS&HNMR	Conforms to structure	Confirmed
Purity	HPLC	NLT 97.0%	99.3%

CATO Research Chemicals Inc.

Signature:

Prepared by:

Hinlam

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Sep 02, 2022

Date: Sep 08, 2022

Date: Sep 08, 2022

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