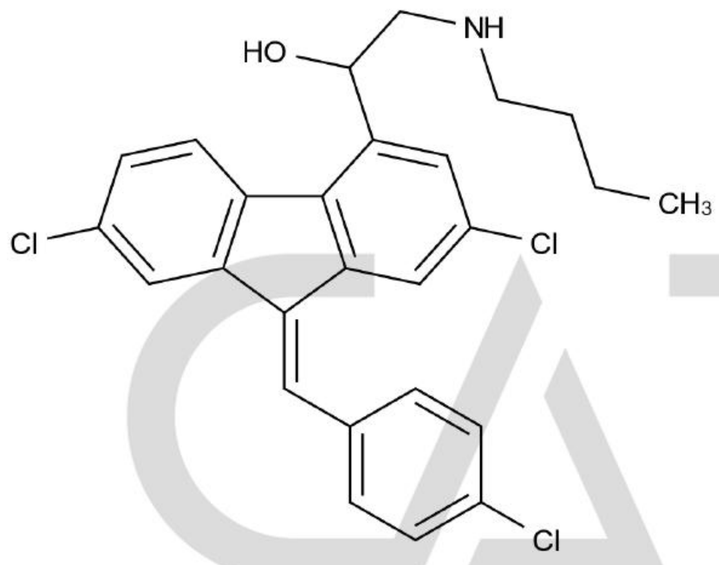
Certificate of Analysis

Reference Material & Standard

Product Name:	Lumefantrine Impurity 6	**Catalogue Number:**	C4X-24266
Synonyms:	N/A	**Lot Number:**	0828-RH-0080
CAS Number:	355841-11-1	**Expiry Date:**	Sep 10, 2030
Molecular Formula:	$C_{26}H_{24}Cl_3NO$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	472.83	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.8%
Assay	qNMR	91.0%

CATO Research Chemicals Inc.

Signature:

Prepared by: Alice Date: Sep 11, 2026

Reviewed by: Lisa Date: Sep 11, 2026

Approved by General Manager: David Date: Sep 11, 2026

CATO Research Chemicals Inc.