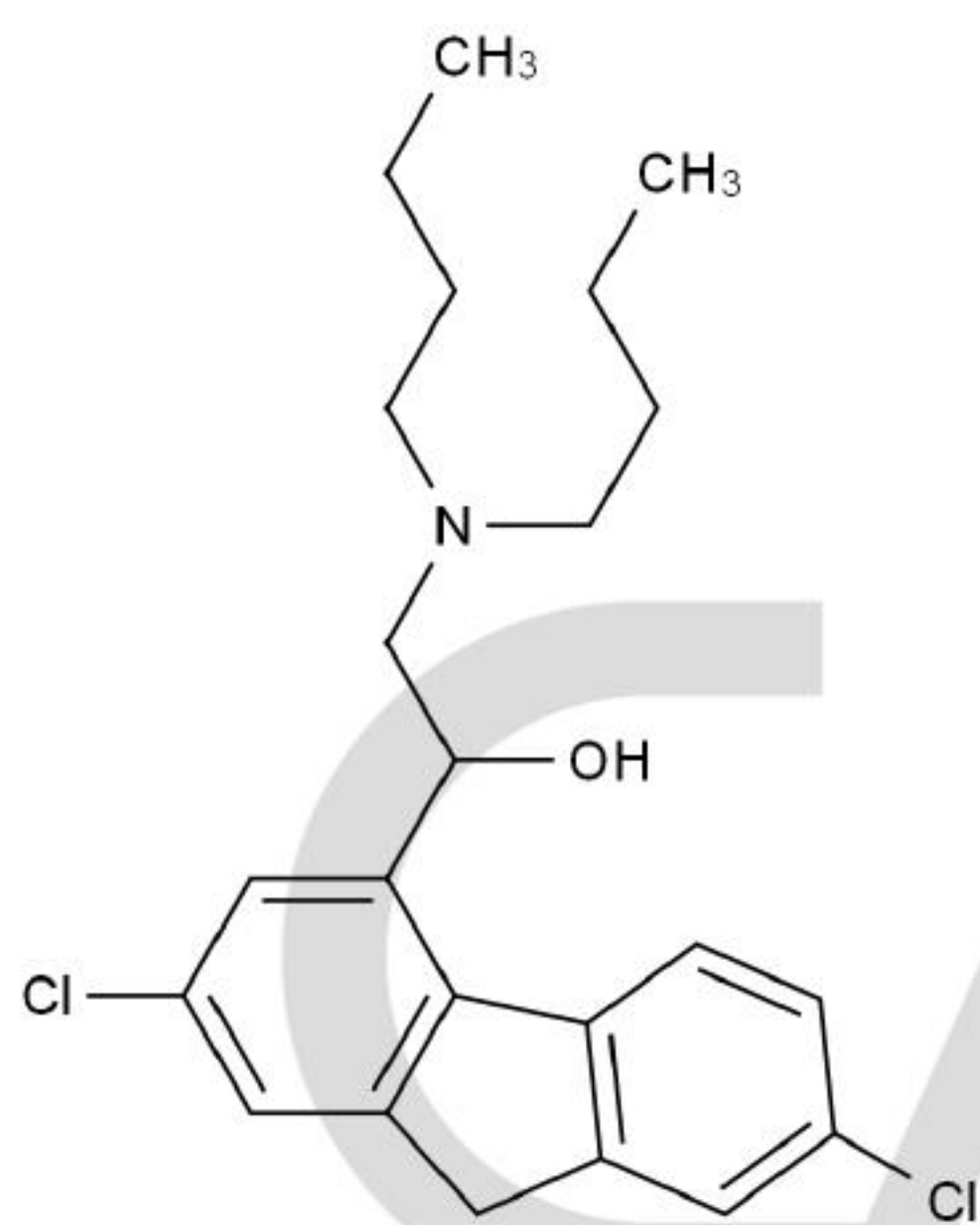


Certificate of Analysis

Reference Material & Standard

Product Name:	Lumefantrine Impurity 5	Catalogue Number:	C4X-24265
Synonyms:	2,7-Dichloro-alpha-[(dibutylamino)methyl]-9H-fluorene-4-methanol	Lot Number:	0830-RC-0032
CAS Number:	69759-61-1	Expiry Date:	Jun 16, 2027
Molecular Formula:	C23H29Cl2NO	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	406.39	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.818%
Loss On Drying	TGA	0.1977%
Assay		99.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 17, 2024

Date: Jun 17, 2024

Date: Jun 17, 2024

