

Certificate of Analysis

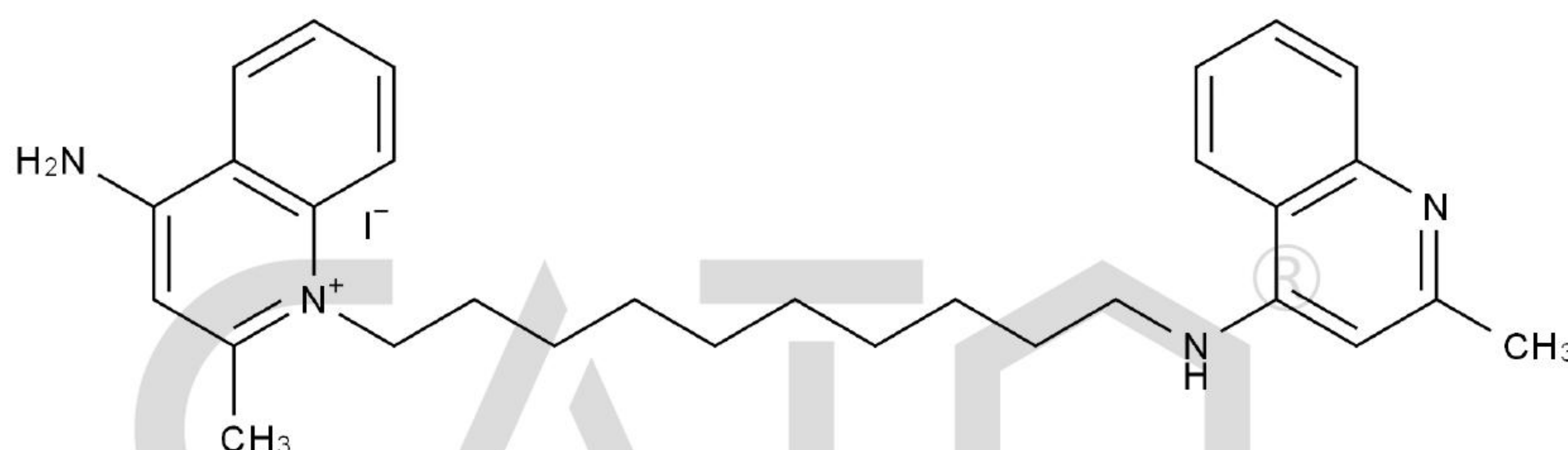
Reference Material & Standard

Product Name:	Dequalinium EP Impurity B Iodide	Catalogue Number:	C4X-19362
Synonyms:	N/A	Lot Number:	0412-RF-0054
CAS Number:	747387-02-6 (free base)	Expiry Date:	Apr 10, 2027
Molecular Formula:	C ₃₀ H ₃₉ N ₄ I	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	455.66 126.90	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow-Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.82%
Loss on Drying	TGA	0.9250%
Assay		98.9%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 13, 2026

Date: Aug 13, 2026

Date: Aug 13, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Official WeChat