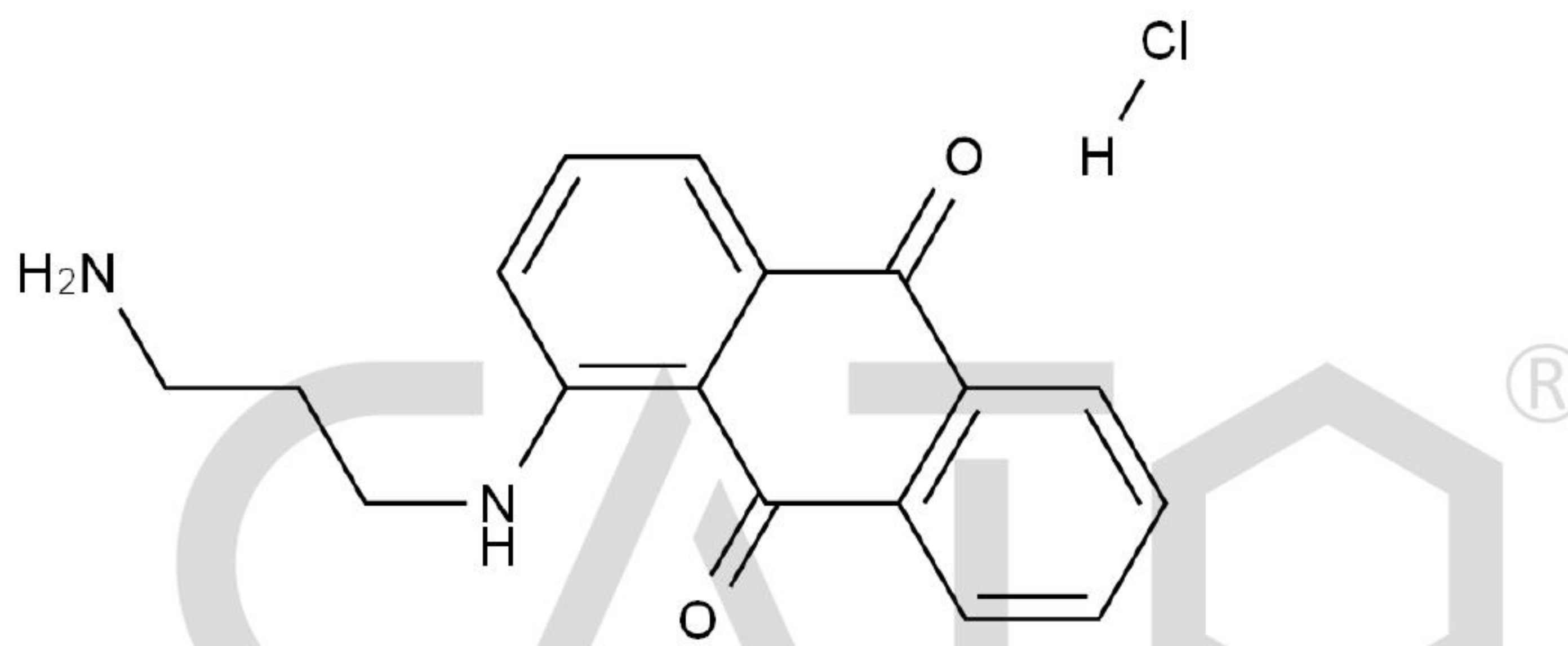


Certificate of Analysis

Reference Material & Standard

Product Name:	1-((3-Aminopropyl)amino)anthracene-9,10-dione Hydrochloride	Catalogue Number:	CCHM705086
Synonyms:	N/A	Lot Number:	0725-RG-0069
CAS Number:	97404-14-3	Expiry Date:	Aug 03, 2029
Molecular Formula:	C17H16N2O2 HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	280.32 36.46	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.5%
Assay	qNMR	88.7%
Uncertainty		±2.0%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 04, 2025

Date: Aug 04, 2025

Date: Aug 04, 2025

