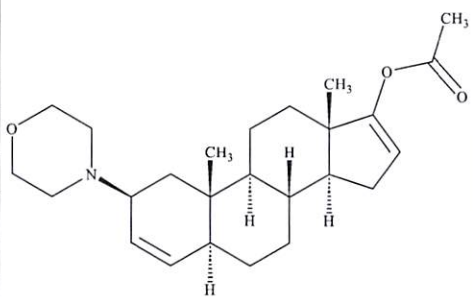


Certificate of Analysis



Certificate No.: 20260618023

Date: June 18, 2026

Retest date: June 16, 2029

Compound Name:	Rocuronium Bromide Impurity 75	
Synonyms:	(2S,5S,8R,9S,10S,13S,14S)-10,13-dimethyl-2-morpholino-2,5,6,7,8,9,10,11,12,13,14,15-dodecahydro-1H-cyclopenta[<i>a</i>]phenanthren-17-yl acetate	
TLC Catalogue Number:	R-3283	
CAS Number:	N/A	
Alternate CAS Number:	N/A	
Molecular Weight:	399.58	
Molecular Formula:	C ₂₅ H ₃₇ NO ₃	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	7454-091A4	
Storage Conditions:	Protect from air, store at 2-8 °C	
Solubility:	Methanol	

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	100.0%
Impurity (HPLC)	N/A	
Water Content (KF)	N/A	0.1%
Residual Solvents (NMR)	No residual solvent	
Assay (%)	Not less than 90.0%	99.9%
Recommendation:	Release.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		06/18/2026
Approved by:	Quality Assurance		06/18/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.