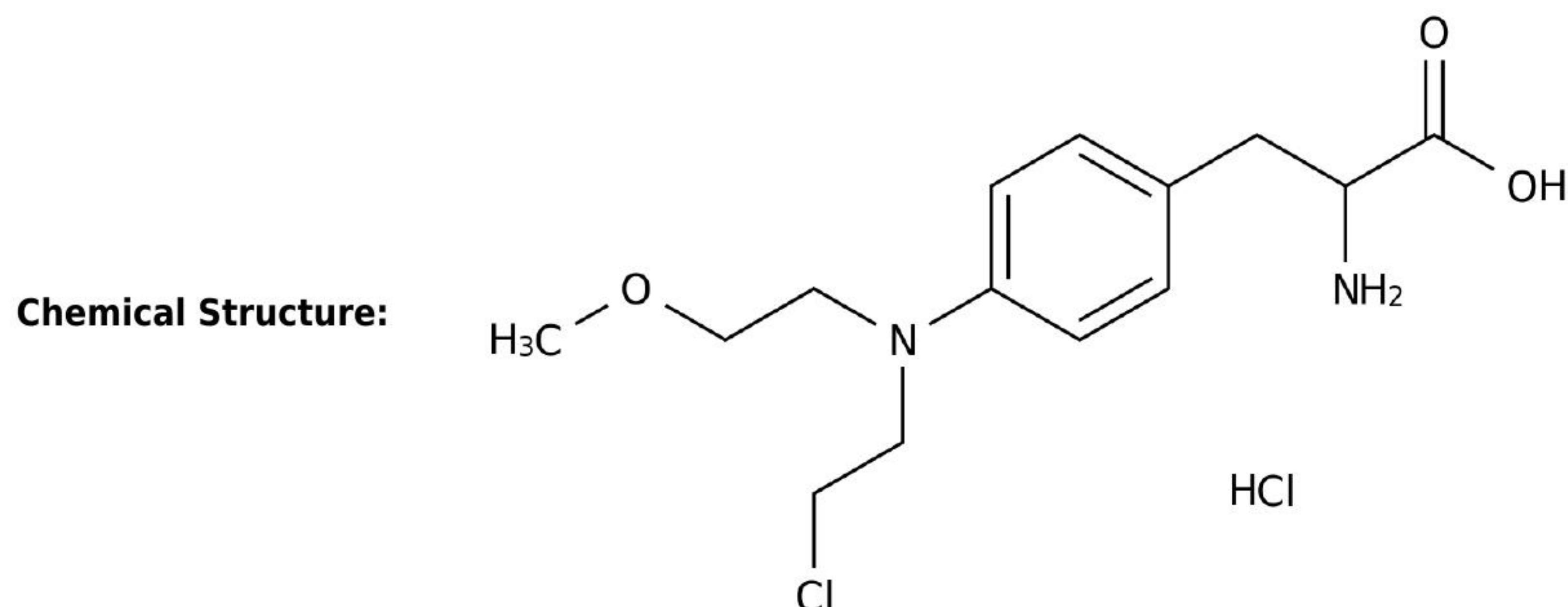


Certificate of Analysis

Reference Material

Product Name: rac-Melphalan EP Impurity I HCl

Chemical Name:



CAS Number: N/A

Catalogue Number: C4X-198817

Molecular Formula: C₁₄H₂₁ClN₂O₃ HCl

Lot Number: 0918-RC-0003

Molecular Weight: 300.78 36.46

Report Number: 202109180008

Storage: 2°C ~ 8°C Protected from light and Sealed

Appearance: White to Off-White Solid

Test Description	Specifications	Results
Identification:	LCMS&IR&HNMR	Confirm
Purity:	HPLC	98.3%
Assay:	qNMR	82.0%

Warning:

Analysed Date: Aug/04/2021

Expiry Date: Aug/04/2024

Approved by:

David