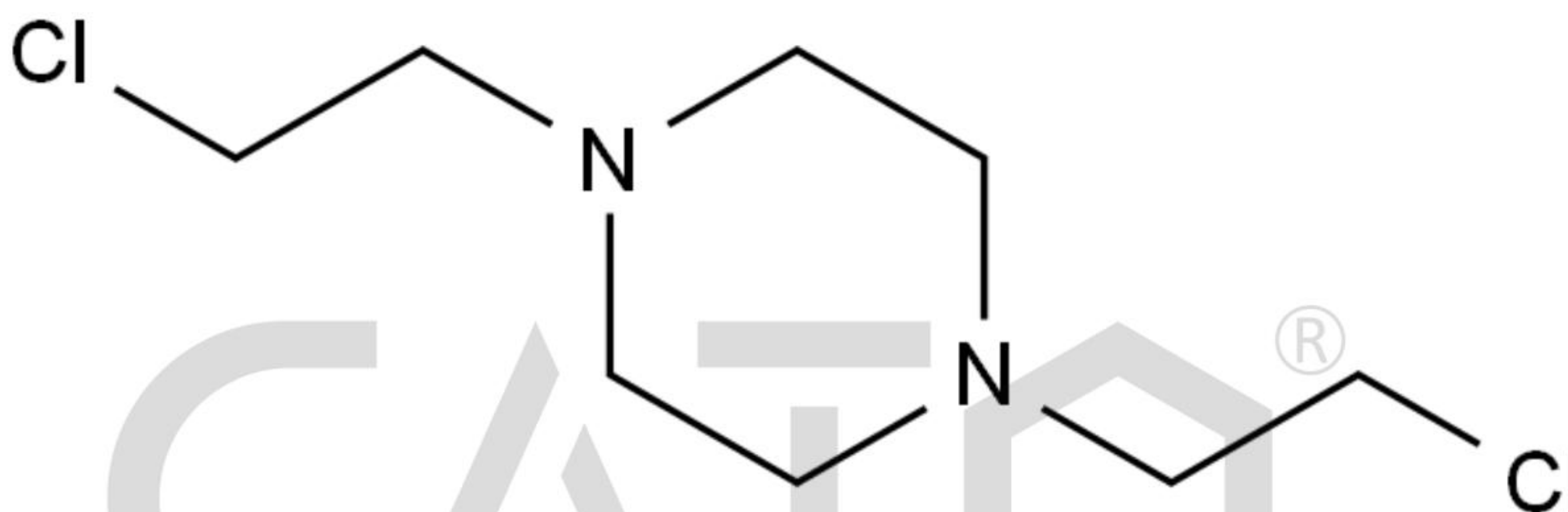


Certificate of Analysis

Reference Material & Standard

Product Name:	Vortioxetine Impurity 63	Catalogue Number:	C4X-105663
Synonyms:	N/A	Lot Number:	1028-RF-0123
CAS Number:	1009-85-4	Expiry Date:	Nov 05, 2027
Molecular Formula:	C ₈ H ₁₆ Cl ₂ N ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	211.13		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&HNMR	Confirmed
Purity	GC	97.422%
Loss On Drying	TGA	2.4423%
Assay		95.0%

Comment:

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

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

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

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Nov 06, 2024

Date: Nov 06, 2024

Date: Nov 06, 2024

