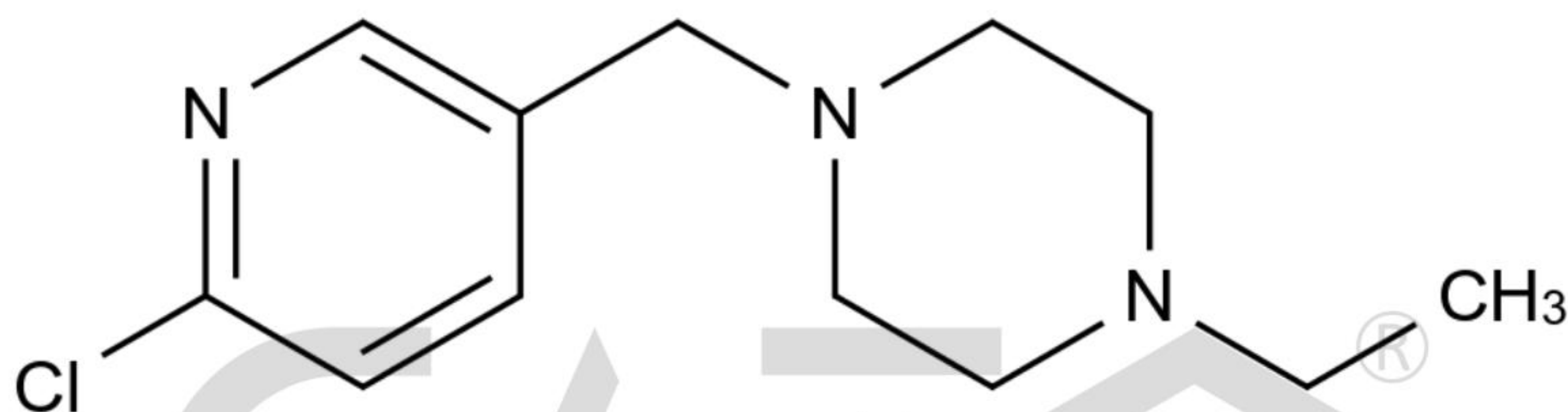


Certificate of Analysis

Reference Material & Standard

Product Name:	1-((6-Chloropyridin-3-yl)methyl)-4-ethylpiperazine	Catalogue Number:	C1012623
Synonyms:	N/A	Lot Number:	0716-RF-0019
CAS Number:	1016745-43-9	Expiry Date:	Jul 16, 2028
Molecular Formula:	C ₁₂ H ₁₈ ClN ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	239.74	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.387%
Loss On Drying	TGA	0.8885%
Assay		97.5%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 17, 2024

Date: Jul 17, 2024

Date: Jul 17, 2024

