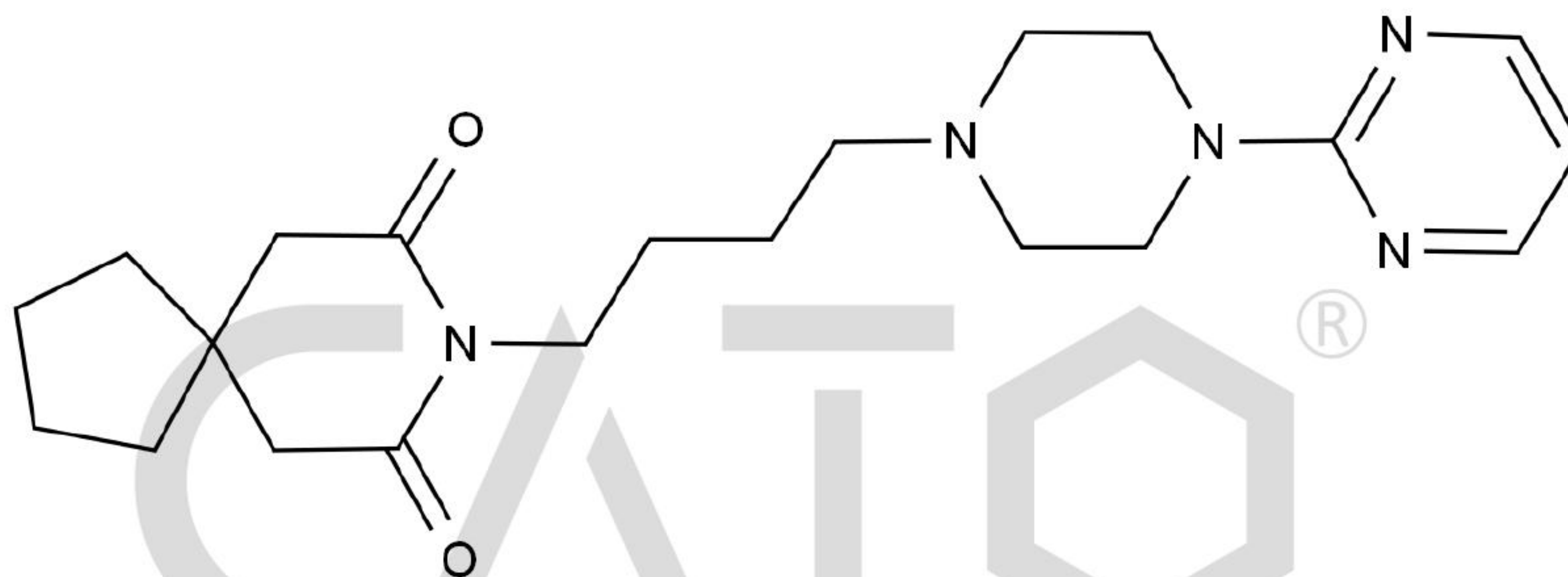


Certificate of Analysis

Reference Material & Standard

Product Name:	Buspirone	Catalogue Number:	C4X-1258
Synonyms:	N/A	Lot Number:	0519-RH-0008
CAS Number:	36505-84-7	Expiry Date:	May 19, 2030
Molecular Formula:	C ₂₁ H ₃₁ N ₅ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	385.50	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Residue on Ignition	TGA	0.5919%
Loss on Drying	TGA	0.2924%
Assay		99.1%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: May 26, 2026

Date: May 26, 2026

Date: May 26, 2026



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