

Certificate of Analysis

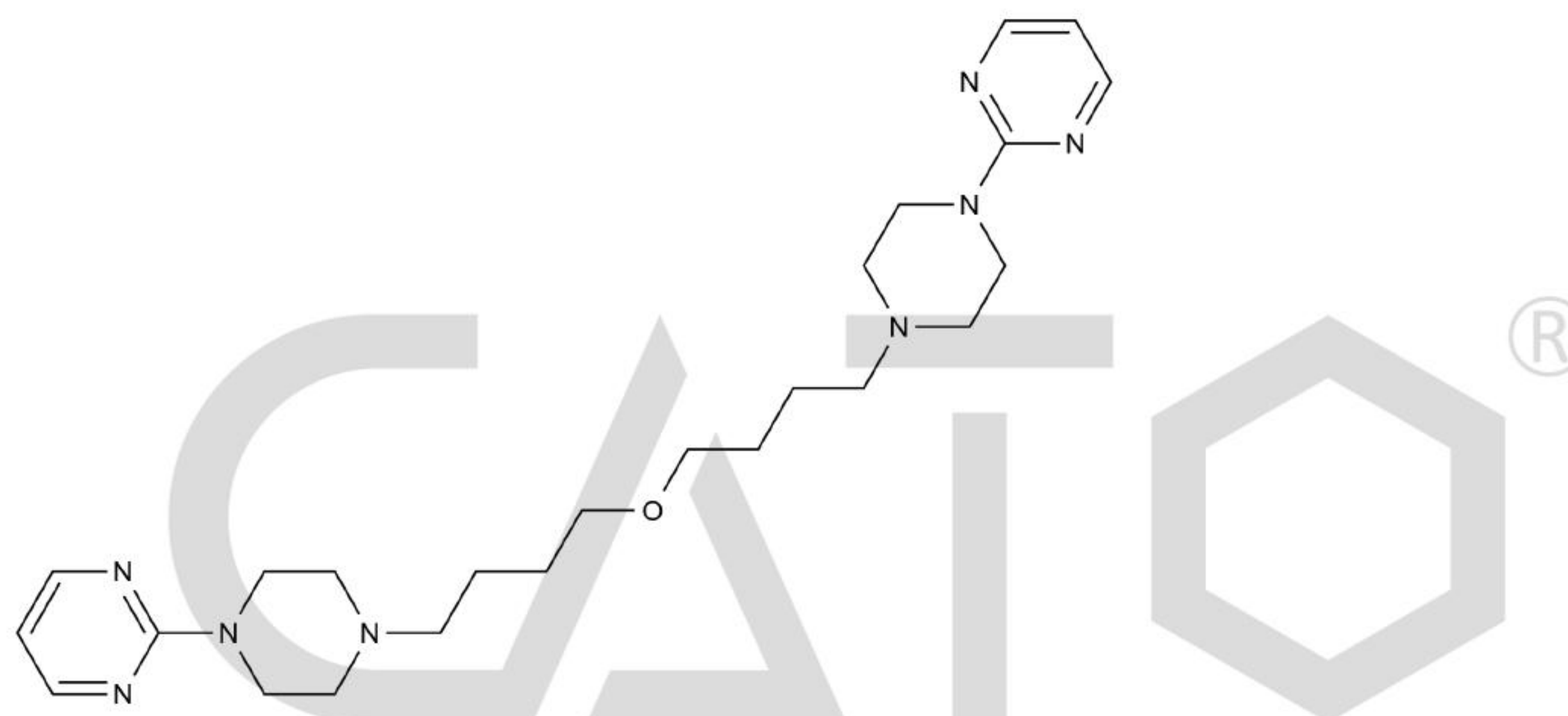
Reference Material & Standard

Product Name:	Buspirone EP Impurity D	Catalogue Number:	C4X-12584
Synonyms:	N/A	Lot Number:	0821-RE-0024
CAS Number:	2724726-67-2	Expiry Date:	May 24, 2030
Molecular Formula:	C ₂₄ H ₃₈ N ₈ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	454.61	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.695%
Loss on Drying	TGA	0.3462%
Assay		99.3%

Comment:

The calculation of the mass balance 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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: May 25, 2026

Date: May 26, 2026

Date: May 26, 2026



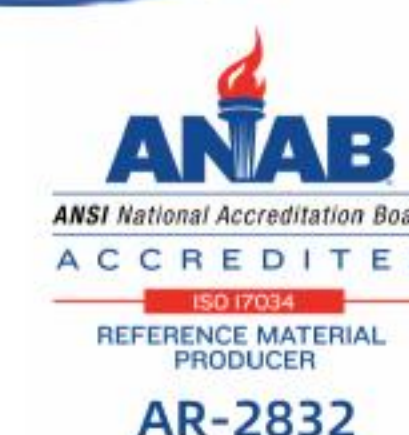
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