

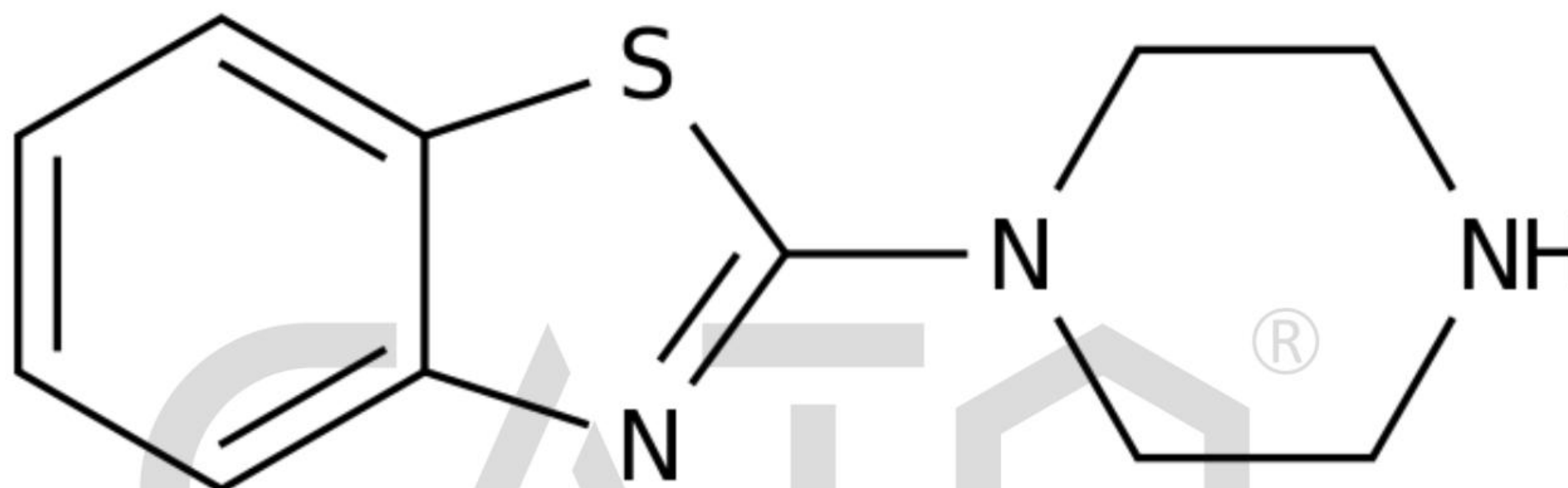
Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Impurity 38	Catalogue Number:	C4X-102838
Synonyms:	2-Piperazin-1-yl-Benzothiazole	Lot Number:	0614-RF-0007
CAS Number:	55745-83-0	Expiry Date:	Jun 17, 2027
Molecular Formula:	C ₁₁ H ₁₃ N ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	219.31	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	94.4%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jun 18, 2024

Date: Jun 18, 2024

Date: Jun 18, 2024

