

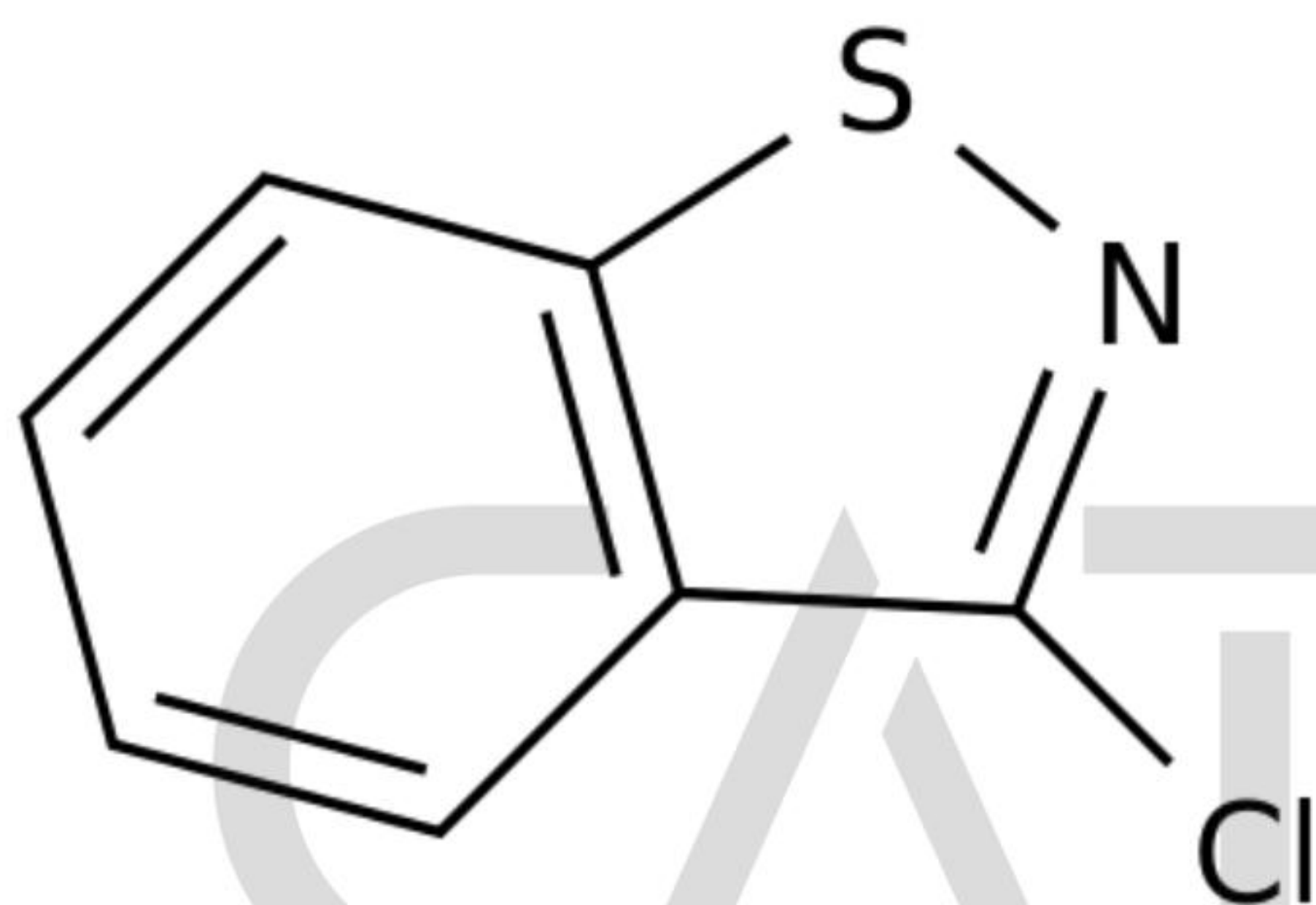
Certificate of Analysis

Reference Material & Standard

Product Name:	Lurasidone Impurity 39	Catalogue Number:	C4X-102839
Synonyms:	3-Chloro-1,2-benzisothiazole	Lot Number:	0520-RF-0101
CAS Number:	7716-66-7	Expiry Date:	May 22, 2027
Molecular Formula:	C7H4ClNS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	169.63	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.699%
Loss On Drying	TGA	4.2488%
Assay		95.5%

Comment:

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

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Koi

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: May 24, 2024

Date: May 24, 2024

Date: May 24, 2024

