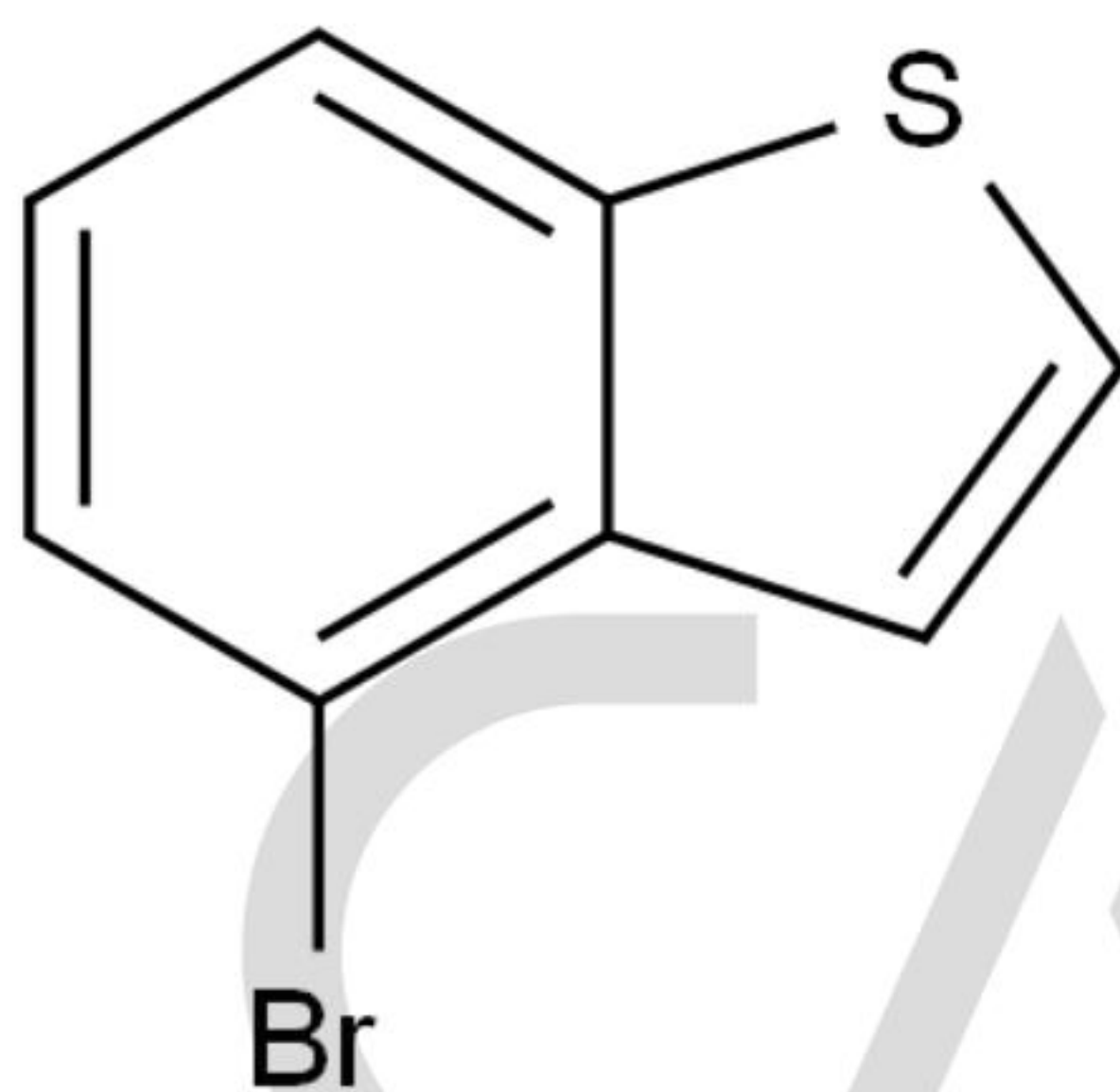


Certificate of Analysis

Reference Material & Standard

Product Name:	Brexpiprazole Impurity 32	Catalogue Number:	C4X-113132
Synonyms:	N/A	Lot Number:	0727-RE-0039
CAS Number:	5118-13-8	Expiry Date:	Jul 31, 2026
Molecular Formula:	C ₈ H ₅ BrS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	213.09	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	GCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	98.384%
Loss On Drying	TGA	2.0335%
Assay		96.4%

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

Aporoved by General Manager:

David

Date: Feb 26, 2024

Date: Feb 26, 2024

Date: Feb 26, 2024

