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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

**Product Name: Brexpiprazole Impurity 32**

### Identification:

Chemical Name: 8-(Benzo[b]thiophen-4-yl)-5,8-diazaspiro[4.5]decan-5-ium, chloride

Synonyms : NA

CAS Number : NA

CAT Number : CP-B15051

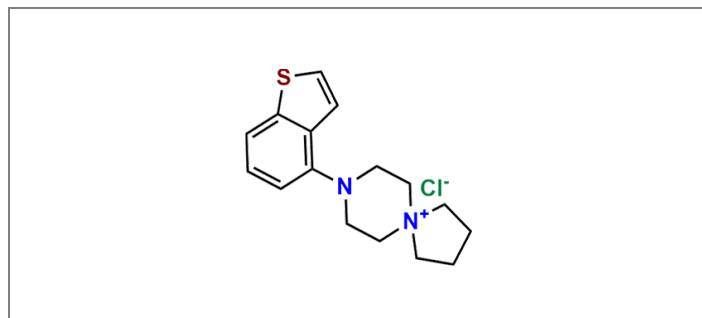
Molecular Formula : C<sub>16</sub>H<sub>21</sub>N<sub>2</sub>S : 35.45

Molecular Weight : 273.4 : Cl

Batch Number : CP-33-214

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	99.92%
5)	<sup>1</sup> HNMR	Confirm to Structure



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

### Approved By

Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.