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CERTIFICATE OF ANALYSIS

Analysis Date:

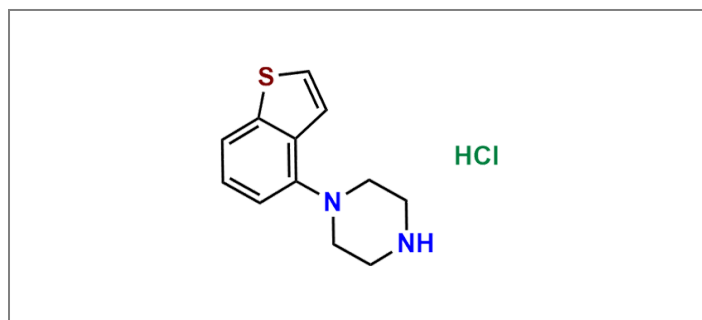
Re-test Date:

Product Name: Brexpiprazole Impurity 22

Identification:

Chemical Name: 1-(Benzo[b]thiophen-4-yl)piperazine hydrochloride

Synonyms : NA
CAS Number : 913614-18-3
CAT Number : CP-B15011
Molecular Formula : C₁₂H₁₄N₂S·HCl
Molecular Weight : 218.32 : 36.5



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 | Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | >95% |
| 5) | H1NMR | Confirm to structure |



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By



Ms Rohini Gagare
(QA Head)

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