

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
Navi Mumbai 410208, MH, INDIA. Email- info@chemicea.com Mob- +91 9284897978

CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

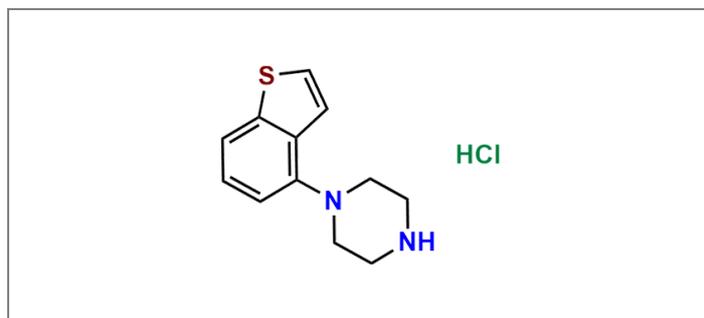
Re-test Date: Dec 2028

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
Batch Number : CP-BRE-22-0126



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	99.95%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.099%
8)	Potency by TGA	99.85%



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.