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CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2022

Re-test Date: Sep 2025

Product Name: Brexpiprazole (In House Standard)

Identification:

Chemical Name: 7-[4-(4-Benzo[b]thien-4-yl-1-piperazinyl)butoxy]-2(1H)-quinolinone

Synonyms : Rexulti

CAS Number : 913611-97-9

CAT Number : CP-B15000

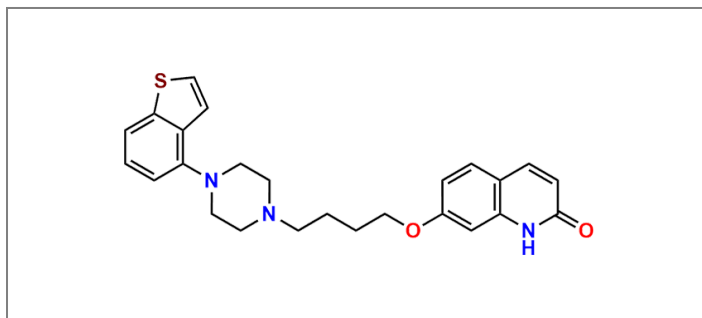
Molecular Formula : C₂₅H₂₇N₃O₂S

Molecular Weight : 433.58

Batch Number : CHEM-BRE-H

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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.1%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	2.027%
8)	Potency by TGA	96.07%



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.