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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

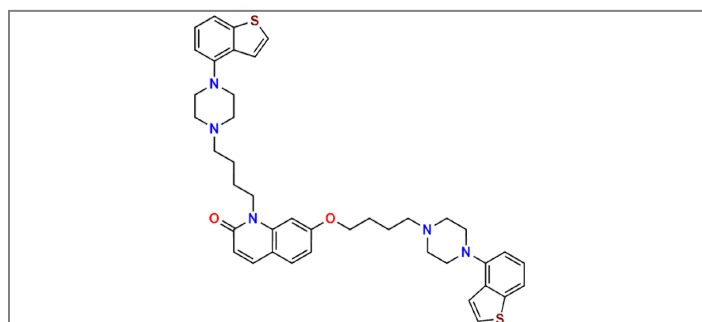
Re-test Date: Jan 2029

Product Name: Brexpiprazole Impurity 52

Identification:

Chemical Name: 7-(4-(4-(Benzo[b]thiophen-4-yl)piperazin-1-yl)butoxy)-1-(4-(4-(benzo[b]thiophen-4-yl)piperazin-1-yl)butyl)quinolin-2(1H)-one

Synonyms : NA
CAS Number : 2137823-20-0
CAT Number : CP-B15055
Molecular Formula : C41H47N5O2S2
Molecular Weight : 706
Batch Number : CP-29-336-P



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/ CDCL3
3)	MASS By LCMS	Confirm to Structure by mass
4)	HPLC	96.07%
5)	1HNMR	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.