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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2026

Re-test Date: Dec 2028

Product Name: Brexpiprazole Impurity 28

Identification:

Chemical Name: 7-(4-Bromobutoxy)-quinoline-2(1H)-one

Synonyms : NA

CAS Number : 203395-59-9

CAT Number : CP-B15017

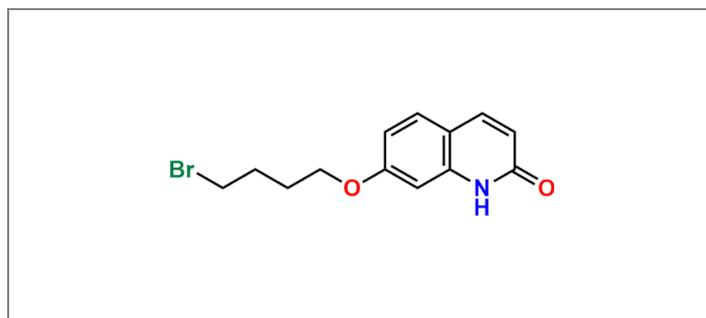
Molecular Formula : C₁₃H₁₄BrNO₂

Molecular Weight : 296.16

Batch Number : CP-BRE-28-1024

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	94.55%
5)	¹ H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.104%
8)	Potency by TGA	94.45%



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.