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CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2023

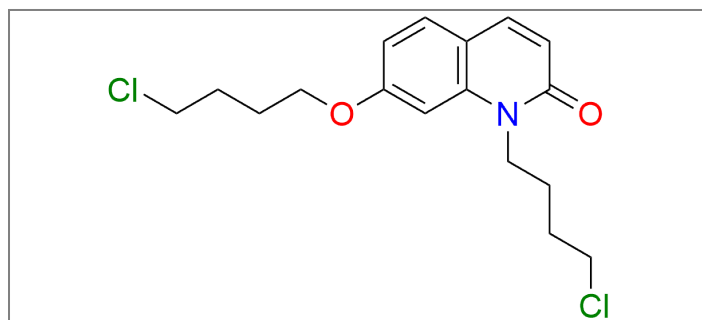
Re-test Date: Jun 2026

Product Name: Brexpiprazole Impurity 18

Identification:

Chemical Name: 7-(4-Chlorobutoxy)-1-(4-chlorobutyl)quinolin-2(1H)-one

Synonyms : NA
CAS Number : 2059954-32-2
CAT Number : CP-B15028
Molecular Formula : C₁₇H₂₁Cl₂N₂O₂
Molecular Weight : 342.26
Batch Number : CP-BRE-18-0723



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 to Light Brown Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.25%
5)	H1NMR	Confirm to structure
6)	13CNMR	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.