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## CERTIFICATE OF ANALYSIS

Analysis Date:

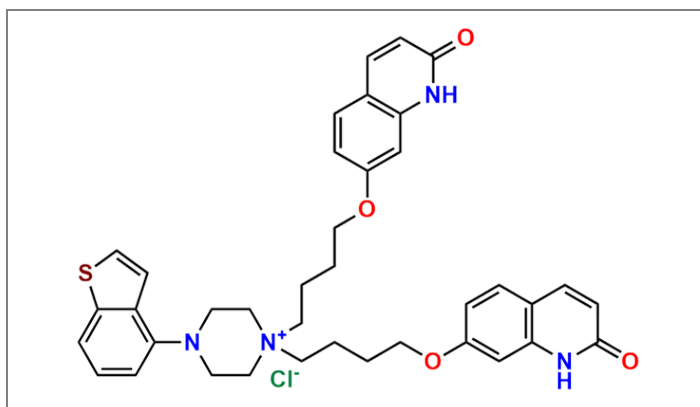
Re-test Date:

**Product Name: Brexpiprazole Impurity 69**

### Identification:

Chemical Name: 4-(Benzo[b]thiophen-4-yl)-1,1-bis(4-((2-oxo-1,2-dihydroquinolin-7-yl)oxy)butyl)piperazin-1-ium chloride

Synonyms : NA  
CAS Number : 2454317-17-8  
CAT Number : CP-B15069  
Molecular Formula : C38H41N4O4S : Cl  
Molecular Weight : 649.83 : 35.5



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.