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### CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Brexpiprazole Cyclic Dimer**

#### Identification:

Chemical Name: 3,9-Bis(4-(4-(benzo[b]thiophen-4-yl)piperazin-1-yl)butoxy)-6b,11,12a,12b-tetrahydrocyclobuta[1,2-c:3,4-c']diquinoline-6,12(5H,6aH)-dione

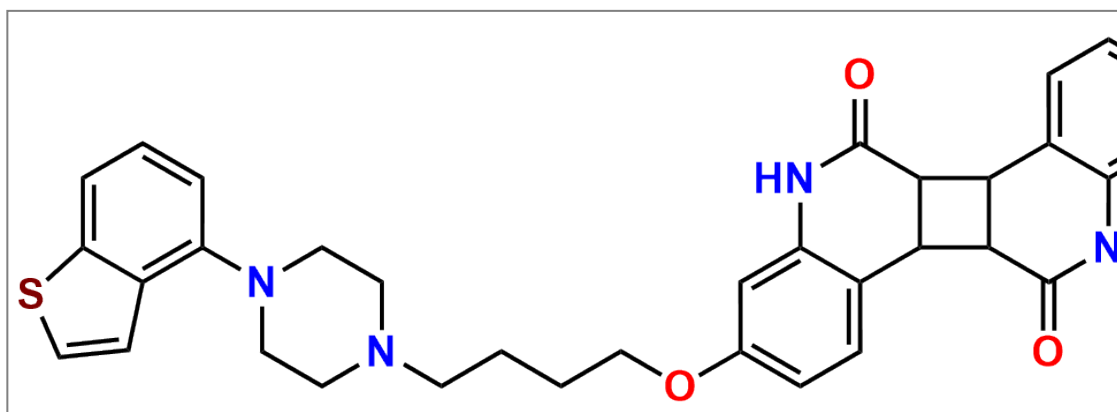
Synonyms : NA

CAS Number : 2190474-85-0

CAT Number : CP-B15056

Molecular Formula : C<sub>50</sub>H<sub>54</sub>N<sub>6</sub>O<sub>4</sub>S<sub>2</sub>

Molecular Weight : 867.1



#### 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.