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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Ivabradine Impurity 53

Identification:

Chemical Name: 3-(3-Bromopropyl)-7,8-dimethoxy-1,3,4,5-tetrahydro-2H-benzo[d]azepin-2-one

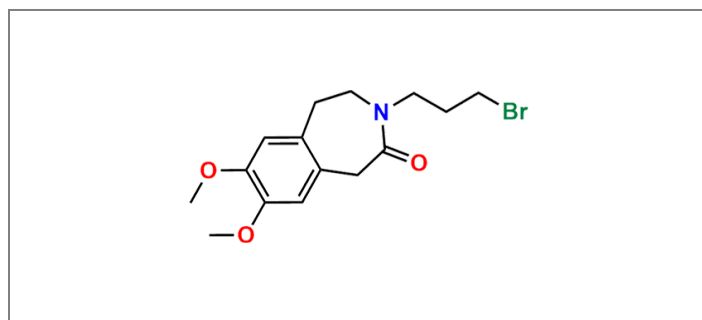
Synonyms : NA

CAS Number : 1192174-72-3

CAT Number : CP-I11052

Molecular Formula : C₁₅H₂₀BrNO₃

Molecular Weight : 342.23



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.