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## CERTIFICATE OF ANALYSIS

Analysis Date:

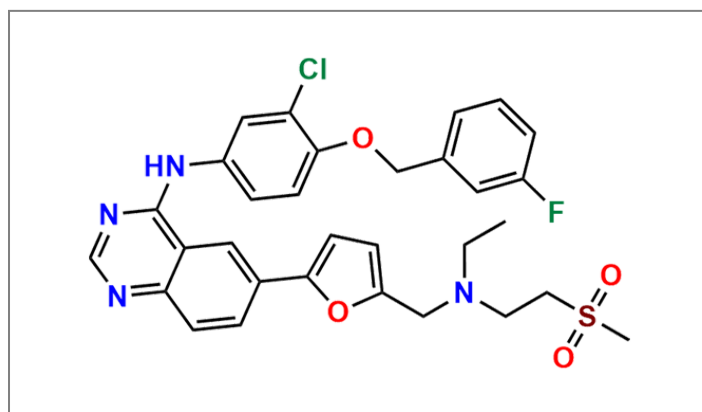
Re-test Date:

**Product Name: Lapatinib Impurity 20**

### Identification:

Chemical Name: N-(3-Chloro-4-((3-fluorobenzyl)oxy)phenyl)-6-(5-((ethyl(2-(methylsulfonyl)ethyl)amino)methyl)furan-2-yl)quinazolin-4-amine

Synonyms : NA  
CAS Number : 320337-10-8  
CAT Number : CP-L46018  
Molecular Formula : C<sub>31</sub>H<sub>30</sub>ClFN<sub>4</sub>O<sub>4</sub>S  
Molecular Weight : 609.11



### 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.