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## CERTIFICATE OF ANALYSIS

Analysis Date:

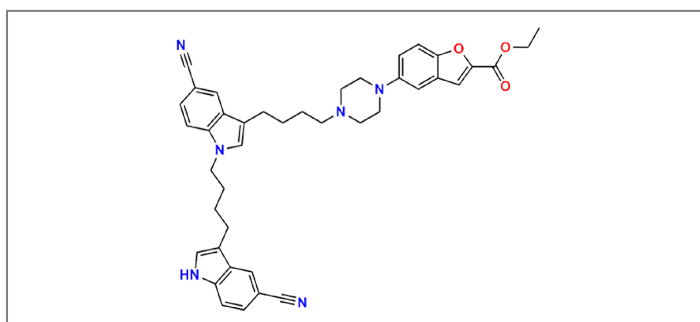
Re-test Date:

**Product Name: Vilazodone Impurity 20**

### Identification:

Chemical Name: ethyl 5-(4-(4-(5-cyano-1-(4-(5-cyano-1H-indol-3-yl)butyl)-1H-indol-3-yl)butyl)piperazin-1-yl)benzofuran-2-carboxylate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-V18066  
Molecular Formula : C<sub>41</sub>H<sub>42</sub>N<sub>6</sub>O<sub>3</sub>  
Molecular Weight : 666.83



### 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)	<sup>1</sup> HNMR	Confirm to structure



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.