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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Telmisartan EP Impurity G**

### Identification:

Chemical Name: 4'-[(1,4'-Dimethyl-2'-propyl[2,6'-bi-1H-benzimidazol]-1'-yl)methyl]-[1,1'-biphenyl]-2-carbonitrile

Synonyms : Telmisartan Cyano Analog ; 2-  
Descarboxy-2-Cyano  
Telmisartan

CAS Number : 144702-27-2

CAT Number : CP-T4007

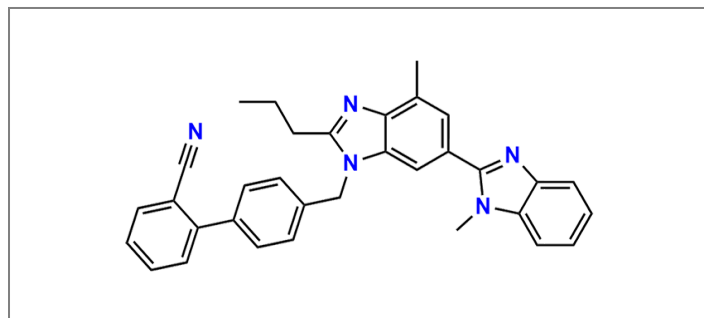
Molecular Formula : C33H29N5

Molecular Weight : 495.61

Batch Number : CP-TEL-G-0525

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	94.32%
5)	<sup>1</sup> H NMR	Confirm to Structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	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.