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CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2022

Re-test Date: Nov 2025

Product Name: Teriflunomide (In House Standard)

Identification:

Chemical Name: (Z)-2-cyano-3-hydroxy-N-(4-(trifluoromethyl)phenyl)but-2-enamide

Synonyms : NA

CAS Number : 163451-81-8

CAT Number : CP-T19000

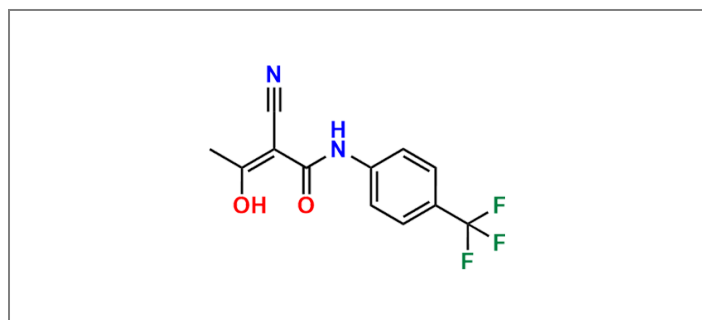
Molecular Formula : C₁₂H₉F₃N₂O₂

Molecular Weight : 270.21

Batch Number : CHEM-TER-H

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	99.88%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	5.77%
8)	Potency by TGA	94.11%



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.