



CERTIFICATE OF ANALYSIS

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1. Identification

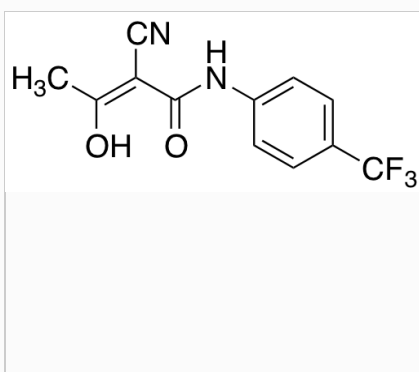
Catalogue Number: A771726

CAS Number: 163451-81-8

Product: A 77-1726

Synonym: N-(4-Trifluoromethylphenyl)-2-cyano-3-hydroxycrotonamide, 2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]-2-beuteamide, LEF-M; Teriflunomide; Leflunomide EP Impurity B; Aubagio; A1726; (2Z)-2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]-2-butenamide; Femorix; HMR 1726; SU 20

Structure:



Molecular Formula:

C₁₂H₉F₃N₂O₂

Molecular weight:

270.21

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Sparingly)

Lot Number: 7-RCD-170-6

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 53.06, %H: 3.34, %N: 10.30
MS	Conforms to Structure	Conforms
FT-IR	Conforms to Structure	Conforms
HPLC Purity	>95%	100.00% (295 nm)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	My Nguyen	4/5/2021	4/3/2028

