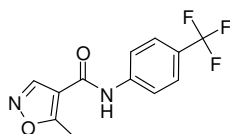




Certificate of Analysis

Axon Catalogue ID: 3164 **Batch Number:** 1
Product Name: Leflunomide
Alternative Name(s): HWA 486
IUPAC Name: 5-Methyl-N-(4-(trifluoromethyl)phenyl)isoxazole-4-carboxamide

Structure:



Amount:

CAS number(s): 75706-12-6
Molecular Formula: C₁₂H₉F₃N₂O₂ **Molecular Weight:** 270.21
Batch Molecular Formula: C₁₂H₉F₃N₂O₂ **Batch Molecular Weight:** 270.21
Appearance: White solid **Observed mp:** 167.8 - 169.7 °C
TLC (R_f): 0.37 DCM (100%)
Chemical Purity: 99.8%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 53.34, H 3.36, N 10.37; Found: C 53.31, H 3.60, N 10.26
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	27.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 27-07-2020

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only