



CERTIFICATE OF ANALYSIS

PRODUCT: **Leflunomide**
[5-Methylisoxazole-4-(4-trifluoromethylcarboxanilide), N-(4-Trifluoromethylphenyl)-5-methylisoxazol-4-carboxamide; HWA486];
C₁₂H₉F₃N₂O₂; M.W. 270.21; CAS# [75706-12-6]

PRODUCT NUMBER: L-2372

LOT NUMBER: D1005

APPEARANCE: White to off-white powder

SOLUBILITY: Soluble in DMSO (100 mM) or ethanol (100 mM).

PURITY (HPLC): ≥ 98%

PRODUCT DESCRIPTION: Cell-permeable. An immunosuppressive agent. Inhibits T and B cell responses *in vivo*. Inhibitor of tyrosine phosphorylation (tyrosine kinase inhibitor), of dihydroorotate dehydrogenase, an enzyme for *de novo* pyrimidine synthesis, of TNF-dependent NF-κB activation and of COX-2. The physiological activity of leflunomide is attributed mainly to its metabolite A77 1726.

STORAGE & HANDLING: Store desiccated at -20°C. **PROTECT FROM LIGHT!**
WARNING: HARMFUL!

CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified:

A handwritten signature in blue ink, appearing to be 'J. Smith'.