

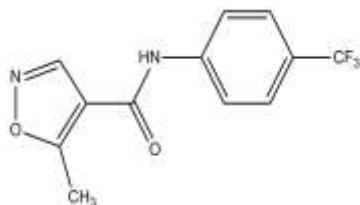
Leflunomide

ALTERNATE NAME: HWA486, 5-Methylisoxazole-4-(4-trifluoromethylcarboxanilide), N-(4-Trifluoromethylphenyl)-5-methylisoxazol-4-carboxamide

CATALOG #: 1972-10, 50

AMOUNT: 10 mg, 50 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₉F₃N₂O₂

MOLECULAR WEIGHT: 270.21

CAS NUMBER: 75706-12-6

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (100 mM) or Ethanol (100 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at -20 °C. Protect from light.

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.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Ascomycin (Cat. No. 1570-2)
- Cyclosporin A (Cat. No. 1522-100, 1G)
- (R,S)-Lenalidomide (Cat. No. 1862-25, 100)
- FK506 (Cat. No. 1563-1,10)
- Mycophenolic acid (Cat. No. 1882-50, 250)
- Rapamycin (Cat. No. 1568-5, 50)
- Rocaglamide (Cat. No. 1863-100)