

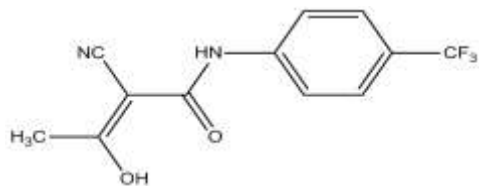
A77 1726

ALTERNATE NAME: N-(4-Trifluoromethylphenyl)-2-cyano-3-hydroxycrotonamide,
2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]-2-
butenamide

CATALOG #: 1973-5, 25

AMOUNT: 5 mg, 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₁₂H₉F₃N₂O₂

MOLECULAR WEIGHT: 270.21

CAS NUMBER: 108605-62-5

APPEARANCE: White solid

SOLUBILITY: DMSO

PURITY: ≥98% by HPLC

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

DESCRIPTION: Physiologically active metabolite of the immunosuppressive drug leflunomide (Cat. No.1972-10, 50). Inhibits the activity of dihydrorotate dehydrogenase and of protein tyrosine kinases. Blocks TNF-mediated NF-κB activation in a dose- and time-dependent manner. Also inhibits the activity of COX-2 *in vitro* and *in vivo*.

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)
- Leflunomide (Cat. No. 1972-10, 50)
- Mycophenolic acid (Cat. No. 1882-50, 250)
- Rapamycin (Cat. No. 1568-5, 50)
- Rocaglamide (Cat. No. 1863-100)