A77 1726

Dihydrorotate dehydrogenase inhibitor

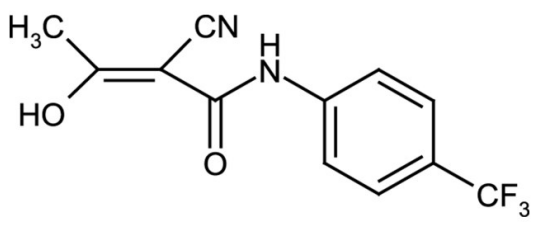
Physiologically active metabolite of the immunosuppressive drug leflunomide (Prod. No. ALX-430-095). Inhibits the activity of dihydrorotate dehydrogenase and of protein tyrosine kinases. Blocks TNF-mediated NF-κB activation in a dose- and time-dependent manner. Also inhibits the activity of cyclooxygenase-2 (COX-2) *in vitro* and *in vivo*.

Citations: 10 View Online »

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ALX-430-096-M005	5mg
ALX-430-096-M025	25mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Handling	Protect from light. Keep under inert gas.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	N-(4-Trifluoromethylphenyl)-2-cyano-3-hydroxycrotonamide, 2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]-2-butenamide
Appearance	White solid.
CAS	108605-62-5
Couple Target	Dihydrorotate dehydrogenase
Couple Type	Inhibitor
Formula	$C_{12}H_9F_3N_2O_2$
Identity	Determined by NMR.
MW	270.2
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO.

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