

Catalog	Unit
TBI1436-5MG	5 mg
TBI1436-25MG	25 mg

### Product Details

**Formal Name:** 2-Cyano-3-hydroxy-N-[4-(trifluoromethyl)phenyl]-2-butenamide

**Alternate Names:** Teriflunomide

**Molecular Formula:** C<sub>12</sub>H<sub>9</sub>F<sub>3</sub>N<sub>2</sub>O<sub>2</sub>

**Formula Weight:** 270.21

**CAS Number:** 108605-62-5

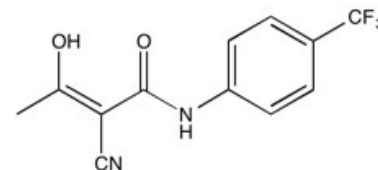
**Purity:** >98%

**Formulation:** powder

**Solubility:** Soluble in DMSO (up to 30 mg/ml), or in Ethanol (up to 5 mg/ml with warming).

**Storage:** -20°C

**Stability:** ≥ 2 years.



### Applications

DHODH inhibitor; Immunosuppressant

### Functions

A pyrimidine biosynthesis inhibitor and immunomodulator. Inhibits the mitochondrial dihydroorotate dehydrogenase (DHODH). Leflunomide is rapidly metabolized in human hepatocytes to A77 1726. Cell permeable.

### Application Procedures

First dissolved in DMSO (up to 30 mg/ml), or in Ethanol (up to 5 mg/ml with warming), then diluted to aqueous buffer. Solutions in DMSO or ethanol may be stored at -20° for up to 3 months.

**For research use only.**