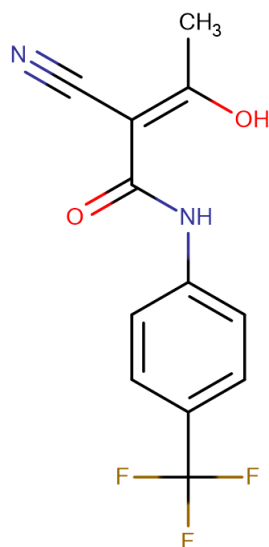


Product Name : Teriflunomide
Synonyms : A77 1726; HMR 1726; teriflunomide; Brande name: Aubagio.
Cat No. : M10335
CAS Number : 108605-62-5
Molecular Formula : C₁₂H₉F₃N₂O₂



Formula Weight : 270.21

Chemical Name : (Z)-2-cyano-3-hydroxy-N-(4-(trifluoromethyl)phenyl)but-2-enamide.

Description : Teriflunomide is the active metabolite of leflunomide, and it acts as an immunomodulatory agent by inhibiting pyrimidine synthesis. It is marketed under the name Aubagio and is indicated for the treatment of multiple sclerosis, specifically relapsing forms.

Pathway : Metabolic Enzyme/Protease

Target : Dehydrogenase

Receptor : Dihydroorotate Dehydrogenase

Solubility : Ethanol: 1 mg/mL , 1; Water: <1 mg/mL (<1 mM); DMSO: 32 mg/mL (118.42 mM)

SMILES : C/C(O)=C(C#N)/C(=O)NC1=CC=C(C(F)(F)F)C=C1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Palmer AM. Curr Opin Investig Drugs. 2010 Nov;11(11):1313-23.