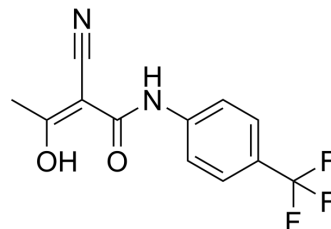


(E/Z)-Teriflunomide

Cat. No.:	HY-110159		
CAS No.:	108605-62-5		
Molecular Formula:	C ₁₂ H ₉ F ₃ N ₂ O ₂		
Molecular Weight:	270.21		
Target:	Dihydroorotate Dehydrogenase		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (185.04 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	3.7008 mL	18.5041 mL	37.0083 mL
	5 mM	0.7402 mL	3.7008 mL	7.4017 mL
	10 mM	0.3701 mL	1.8504 mL	3.7008 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

(E/Z)-Teriflunomide ((E/Z)-A77 1726) is the active metabolite of [Leflunomide](#) (HY-B0083). Leflunomide is an immunomodulatory agent that may exert effects by inhibiting the mitochondrial enzyme dihydroorotate dehydrogenase (DHODH). Leflunomide can be used for the research of rheumatoid arthritis (RA)^[1].

REFERENCES

[1]. R.I Fox, et al. Mechanism of action for leflunomide in rheumatoid arthritis. Clin Immunol. 1999 Dec;93(3):198-208.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA