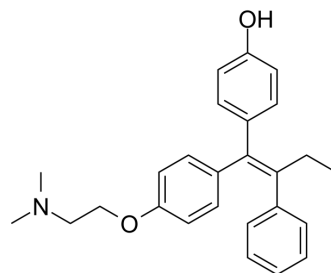


(E/Z)-4-Hydroxytamoxifen

Cat. No.:	HY-16950A		
CAS No.:	68392-35-8		
Molecular Formula:	C ₂₆ H ₂₉ NO ₂		
Molecular Weight:	387.51		
Target:	Estrogen Receptor/ERR; Endogenous Metabolite		
Pathway:	Vitamin D Related/Nuclear Receptor; Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 83.33 mg/mL (215.04 mM; Need ultrasonic)				
		Solvent Concentration	Mass		
	Preparing Stock Solutions		1 mg	5 mg	10 mg
		1 mM	2.5806 mL	12.9029 mL	25.8058 mL
5 mM		0.5161 mL	2.5806 mL	5.1612 mL	
	10 mM	0.2581 mL	1.2903 mL	2.5806 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline Solubility: ≥ 2.08 mg/mL (5.37 mM); Clear solution 2. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.08 mg/mL (5.37 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	(E/Z)-4-Hydroxytamoxifen (Afimoxifene) is a racemic compound of (Z)-4-Hydroxytamoxifen and (E)-4-Hydroxytamoxifen isomers. (E/Z)-4-Hydroxytamoxifen is an estrogen receptor modulator.	
IC₅₀ & Target	Estrogen receptor	Human Endogenous Metabolite

CUSTOMER VALIDATION

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- Oncol Lett. 2020 Aug;20(2):1441-1451.

See more customer validations on www.MedChemExpress.com

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

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