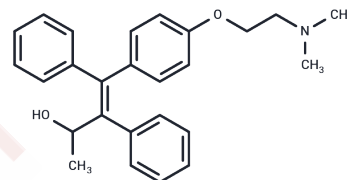


$\alpha$ -Hydroxytamoxifen

## Chemical Properties

CAS No. :	97151-02-5
Formula:	C <sub>26</sub> H <sub>29</sub> NO <sub>2</sub>
Molecular Weight:	387.51
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	$\alpha$ -Hydroxytamoxifen, a metabolite of tamoxifen, reacts with DNA and forms DNA adducts.
Targets(IC50)	Others, Drug Metabolite

## Preparing Stock Solutions

	1mg	5mg	10mg
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
50 mM	0.0516 mL	0.2581 mL	0.5161 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Phillips DH, et al.  $\alpha$ -Hydroxytamoxifen, a metabolite of tamoxifen with exceptionally high DNA-binding activity in rat hepatocytes. *Cancer Res.* 1994 Nov 1;54(21):5518-22.

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