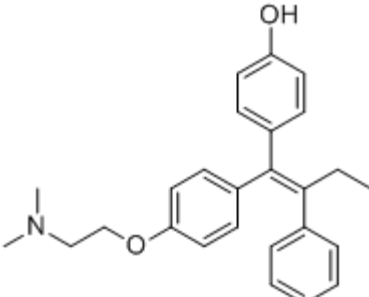




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
540203	trans-4-Hydroxytamoxifen	CMC90130

Chemical name	
(Z)-4-(1-(4-(2-(dimethylamino)ethoxy)phenyl)-2-phenylbut-1-en-1-yl)phenol	
Synonyms	
(Z)-4-Hydroxytamoxifen; trans-4-Hydroxytamoxifen; ICI 79280; ICI79280; ICI-79280.	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 540203 Name: trans-4-Hydroxytamoxifen CAS#: 68047-06-3 Lot#: CMC90130 Chemical Formula: C ₂₆ H ₂₉ NO ₂ Exact Mass: 387.2198 Molecular Weight: 387.52

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>98.0%
Solubility	Soluble in DMSO.
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE