

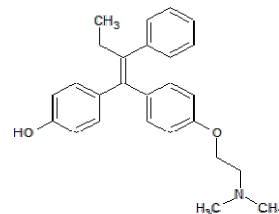
Certificate of Analysis



Product Identification

Catalog number	HB2508
Compound name	Z-hydroxytamoxifen
Chemical name	4-[(1Z)-1-[4-[2-(Dimethylamino)ethoxy]phenyl]-2-phenyl-1-buten-1-yl]phenol
Batch number	E2387-1-1
Batch molecular formula	C ₂₆ H ₂₉ NO ₂ ·0.3H ₂ O
Batch molecular weight	392.93

Chemical Structure



Method

QC requirement

QC Result

NMR	1H NMR in MeOH at 400 MHz consistent with structure	Meets specification
Mass spectrum	Electrospray positive analysis consistent with structure	Meets specification
Microanalysis	Elemental analysis is within 0.4% for the batch molecular formula	Meets specification
TLC	TLC analysis in 10% MeOH/DCM shows one spot under uv	Meets specification: R _f =0.25
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in DMSO (100 mM) and in ethanol (50 mM)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

21/12/2023

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.