

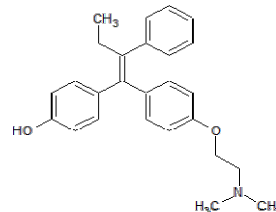
Certificate of Analysis



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 E2059-1-4
Batch molecular formula C₂₆H₂₉NO₂·0.4H₂O
Batch molecular weight 394.73

Chemical Structure



Method	QC requirement	QC Result
NMR	¹ H 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

07/10/2022

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