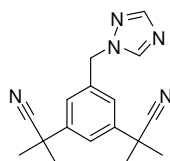




Certificate of Analysis

Axon Catalogue ID: 3316 **Batch Number:** 1
Product Name: Anastrozole
Alternative Name(s): Arimidex; ZD1033; ICI D1033
IUPAC Name: 2,2'-(5-((1H-1,2,4-Triazol-1-yl)methyl)-1,3-phenylene)bis(2-methylpropanenitrile)

Structure:



Amount:

CAS number(s): 120511-73-1
Molecular Formula: C₁₇H₁₉N₅ **Molecular Weight:** 293.37
Batch Molecular Formula: C₁₇H₁₉N₅ **Batch Molecular Weight:** 293.37
Appearance: White solid **Observed mp:** 83.9 - 86.1 °C
TLC (R_f): 0.3 DCM/MeOH (20:1)
Chemical Purity: 99.7%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 69.60, H 6.53, N 23.87; Found: C 69.81, H 6.55, N 23.72
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	29.3	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 10-02-2021

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only