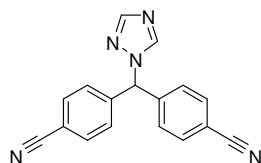




Certificate of Analysis

Axon Catalogue ID: 3257 **Batch Number:** 1
Product Name: Letrozole
Alternative Name(s): CGS 20267
IUPAC Name: 4,4'-((1H-1,2,4-Triazol-1-yl)methylene)dibenzonitrile

Structure:



Amount:

CAS number(s): 112809-51-5
Molecular Formula: C₁₇H₁₁N₅ **Molecular Weight:** 285.30
Batch Molecular Formula: C₁₇H₁₁N₅·0.1H₂O **Batch Molecular Weight:** 287.10
Appearance: White solid **Observed mp:** 184.7 - 185.8 °C
TLC (R_f): 0.6 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 71.12, H 3.93, N 24.39; Found: C 71.08, H 3.67, N 24.37
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	28.7	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 01-12-2020

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