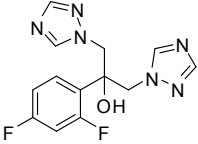




Certificate of Analysis

Axon Catalogue ID:	2105	Batch Number:	1	
Product Name:	Fluconazole			
Alternative Name(s):	UK 49858			
IUPAC Name:	2-(2,4-difluorophenyl)-1,3-di(1H-1,2,4-triazol-1-yl)propan-2-ol			
Structure:		Amount:		
CAS number:	86386-73-4	MW:	306.27	
Batch Molecular Formula:	C ₁₃ H ₁₂ F ₂ N ₆ O	Batch MW:	306.27	
Appearance:	White solid	Observed mp:	139.0 - 139.5 °C	
TLC (R_f):	0.5 DCM/MeOH (9:1)			
Chemical Purity:	99.8%			
Optical Purity (ee):				
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation			
Storage Conditions:	Store at	+4°C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)			Not Tested
	DMSO	30.6	>100 mM	Soluble
	EtOH			Not Tested
Remarks:	Microanalysis: Calcd. C 50.98, H 3.95, N 27.43; Found: C 50.85, H 3.89, N 27.44.			
	Pfizer compound; Sold for research purposes under agreement from Pfizer Inc.			
QC Date:	10-6-2013			

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only