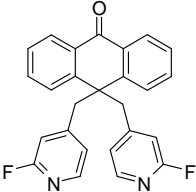




Certificate of Analysis

Axon Catalogue ID	1322	Batch Number:	1		
Product Name:	DMP 543				
IUPAC Name:	10,10-Bis-(2-fluoro-pyridin-4-ylmethyl)-10H-anthracen-9-one				
Structure:		Amount:			
CAS number:	160588-45-4				
Batch Molecular Formula:	C ₂₆ H ₁₈ F ₂ N ₂ O	Batch MW:	412.44		
Appearance:	Light Yellow Solid	Observed m.p.:	156-158 °C		
TLC (R_f):	0.3 9:1 DCM/MeOH				
Chemical Purity:	99%	Wavelength for purity check:	210 nm		
Optical Purity (ee):					
¹H-NMR (300 MHz):	Analytical data confirm chemical structure	Solvent:	CDCl ₃		
Mass Spec:	Analytical data confirm chemical structure	Ion:	413 m/z	Method:	ESI:M+1
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation				
Storage Conditions:	Store at	RT			
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)		
	Water				
	1eq. NaOH				
	1eq. HCl				
	DMSO	32.50	78.80		
	EtOH				
Remarks:					
Quality controller:	Erik S. Vermeulen, PhD	Date:	18-12-2007		

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