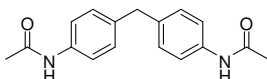




Certificate of Analysis

Axon Catalogue ID: 2320 **Batch Number:** 1
Product Name: FH 1
Alternative Name(s): NSC 12407 - BRD K4477
IUPAC Name: N,N'-(4,4'-Methylenebis(4,1-phenylene))diacetamide

Structure:



Amount:

CAS number: 2719-05-3
Batch Molecular Formula: C₁₇H₁₈N₂O₂ **Batch MW:** 282.34
Appearance: Off-white solid **Observed mp:** 236 °C
TLC (R_f): 0.75 DCM/MeOH (9:1)
Chemical Purity: 99.2%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 72.32 , H 6.43 , N 9.92 Found: C 71.95 , H 6.13 , N 10.08
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	6.4	22.7	
	EtOH			Not Tested

Remarks:

QC Date: 19-09-2014

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