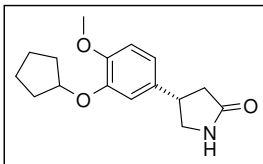




Certificate of Analysis

Axon Catalogue ID	1432	Batch Number:	1
Product Name:	(S)-(+)-Rolipram		
IUPAC Name:	(4S)-4-[3-(Cyclopentyloxy)-4-methoxyphenyl]pyrrolidin-2-one		
Structure:		Amount:	
CAS number:	85416-73-5		
Batch Molecular Formula:	C ₁₆ H ₂₁ NO ₃	Batch MW:	275.35
Appearance:	White Solid	Observed m.p.:	130-131 °C
TLC (R_f):	0.5 9 DCM/MeOH		
Chemical Purity:	99%	Wavelength for purity check:	229 nm
Optical Purity (ee):			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure	Solvent:	CDCl ₃
Mass Spec:	Analytical data confirm chemical structure	Ion:	276 m/z
		Method:	APCI:M+1
Microanalysis:	Not available		
Storage Conditions:	Store at	+4 °C	
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		
	1eq. NaOH		
	1eq. HCl		
	DMSO	60.00	217.90
	EtOH	30.00	108.95
Remarks:			
Quality controller:	M. Brandsma, MSc.	Date:	08-06-2009

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