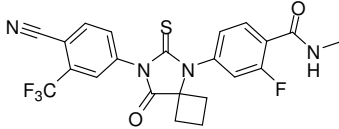




Certificate of Analysis

Axon Catalogue ID:	1532	Batch Number:	1	
Product Name:	RD 162			
Alternative Name(s):	N.A.			
IUPAC Name:	4-(7-(4-Cyano-3-(trifluoromethyl)phenyl)-8-oxo-6-thioxo-5,7-diazaspiro[3.4]octan-5-yl)-2-fluoro-N-methylbenzamide			
Structure:		Amount:		
CAS number(s):	915087-27-3			
Molecular Formula:	C ₂₂ H ₁₆ F ₄ N ₄ O ₂ S	Molecular Weight:	476.45	
Batch Molecular Formula:	C ₂₂ H ₁₆ F ₄ N ₄ O ₂ S	Batch Molecular Weight:	476.45	
Appearance:	Light-yellow solid	Observed mp:	170.5 - 172.5 °C (decomp)	
TLC (R_f):	0.7	DCM/MeOH (9:1)		
Chemical Purity:	98.7%			
Optical Purity (ee):	N.A.			
¹H-NMR (300 MHz):	Analytical data confirm chemical structure			
Mass Spec:	Analytical data confirm chemical structure			
Microanalysis:	Calculated: C 55.46, H 3.38, N 11.76; Found: C ND, H ND, N ND			
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	47.6	>100 mM	
	EtOH			Not Tested
Remarks:				
QC Date:	10-05-2010			

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