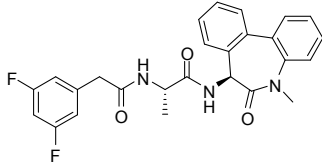




Certificate of Analysis

Axon Catalogue ID:	1488	Batch Number:	2
Product Name:	γ-Secretase Inhibitor DBZ		
Alternative Name(s):	N.A.		
IUPAC Name:	(S)-2-(2-(3,5-Difluorophenyl)acetamido)-N-((R)-5-methyl-6-oxo-6,7-dihydro-5H-dibenzo[b,d]azepin-7-yl)propanamide		
Structure:			Amount:
CAS number(s):	209984-56-5		
Molecular Formula:	C ₂₆ H ₂₃ F ₂ N ₃ O ₃	Molecular Weight:	463.48
Batch Molecular Formula:	C ₂₆ H ₂₃ F ₂ N ₃ O ₃	Batch Molecular Weight:	463.48
Appearance:	White solid	Observed mp:	257.0 - 257.6 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.8%		
Optical Purity (ee):	N.A.		
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 67.38, H 5.00, N 9.07; Found: C ND, H ND, N ND		
Storage Conditions:	Store at <4°C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water		Not Tested
	0.1N NaOH (aq)		Not Tested
	0.1N HCl (aq)		Not Tested
	DMSO	45.0	97.1
	EtOH		Not Tested
Remarks:			
QC Date:	07-01-2015		

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