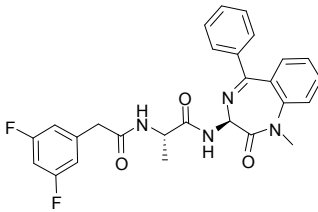




Certificate of Analysis

Axon Catalogue ID:	1487	Batch Number:	1
Product Name:	BZ		
Alternative Name(s):	γ-Secretase Inhibitor - Compound E		
IUPAC Name:	(S)-2-(2-(3,5-Difluorophenyl)acetamido)-N-((S,Z)-1-methyl-2-oxo-5-phenyl-2,3-dihydro-1H-benzo[e][1,4]diazepin-3-yl)propanamide		
Structure:			Amount:
CAS number:	209986-17-4		
Batch Molecular Formula:	C27H24F2N4O3	Batch MW:	490.50
Appearance:	White solid	Observed mp:	206.2 - 207.5 °C
TLC (R_f):	0.8	DCM/MeOH (9:1)	
Chemical Purity:	100%		
Optical Purity (ee):	o.p.		
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 66.11 , H 4.93 , N 11.42	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	49.1	>100 mM
	EtOH		Not Tested
Remarks:			
QC Date:	05-11-2014		

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