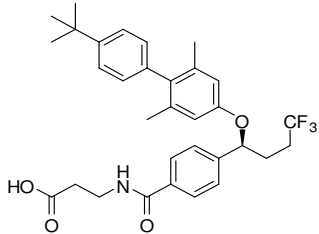




Certificate of Analysis

Axon Catalogue ID:	2388	Batch Number:	1
Product Name:	Adomeglivant		
Alternative Name(s):	LY2409021		
IUPAC Name:	(S)-3-(4-(1-(4'-tert-Butyl-2,6-dimethylbiphenyl-4-yloxy)-4,4,4-trifluorobutyl)benzamido)propanoic acid		
Structure:			Amount:
CAS number(s):	1488363-78-5		
Molecular Formula:	C ₃₂ H ₃₆ F ₃ NO ₄	Molecular Weight:	555.63
Batch Molecular Formula:	C ₃₂ H ₃₆ F ₃ NO ₄ .1H ₂ O	Batch Molecular Weight:	573.64
Appearance:	White solid	Observed mp:	102.8 - 104.2 °C
TLC (R_f):	0.7	DCM/MeOH (9:1)	
Chemical Purity:	99.1%		
Optical Purity (ee):	Optically pure		
¹H-NMR (300 MHz):	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 67.00, H 6.68, N 2.44; Found: C 66.90, H 6.63, N 2.40		
Storage Conditions:	Store at +4 °C		
Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)
	Water	0.0	0.0
	0.1N NaOH (aq)	0.0	0.0
	0.1N HCl (aq)		
	DMSO	42.0	73.2
	EtOH		
			Remarks
			Insoluble
			Insoluble
			Not Tested
			Not Tested
Remarks:			
QC Date:	22-01-2020		

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