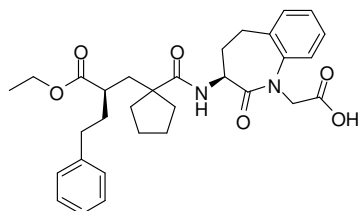




Certificate of Analysis

Axon Catalogue ID: 1918 **Batch Number:** 1
Product Name: Daglutril
Alternative Name(s): SLV 306
IUPAC Name: 2-((S)-3-(1-((R)-2-(ethoxycarbonyl)-4-phenylbutyl)cyclopentanecarboxamido)-2-oxo-2,3,4,5-tetrahydro-1H-benzo[b]azepin-1-yl)acetic acid

Structure:



Amount:

CAS number(s): 182821-27-8
Molecular Formula: C₃₁H₃₈N₂O₆ **Molecular Weight:** 534.64
Batch Molecular Formula: C₃₁H₃₈N₂O₆.1.5H₂O **Batch Molecular Weight:** 561.67
Appearance: White solid **Observed mp:** 138 - 141 °C
TLC (R_f): 0.25 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 66.29, H 7.36, N 4.99; Found: C 66.16, H 6.96, N 4.97
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	0.2	0.4	Insoluble
	0.1N HCl (aq)			Not Tested
	DMSO	20.0	35.6	
	EtOH			Not Tested

Remarks:

QC Date: 26-03-2019

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