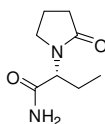




Certificate of Analysis

Axon Catalogue ID: 1111 **Batch Number:** 1
Product Name: UCB-L 060
Alternative Name(s): (R)-(+)-Etiracetam; Levetiracetam Impurity D
IUPAC Name: (R)-2-(2-Oxopyrrolidin-1-yl)butanamide

Structure:



Amount:

CAS number(s): 103765-01-1
Molecular Formula: C8H14N2O2 **Molecular Weight:** 170.21
Batch Molecular Formula: C8H14N2O2 **Batch Molecular Weight:** 170.21
Appearance: White solid **Observed mp:** 118 - 118.5 °C
TLC (R_f): 0.3 DCM/MeOH (9:1)
Chemical Purity: >99%
¹H-NMR: Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 56.45, H 8.29, N 16.46; 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	17.0	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 6-1-2022

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