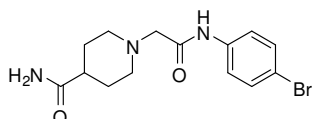




Certificate of Analysis

Axon Catalogue ID: 2735 **Batch Number:** 1
Product Name: BCI-121
Alternative Name(s): N.A.
IUPAC Name: 1-(2-(4-Bromophenylamino)-2-oxoethyl)piperidine-4-carboxamide

Structure:



Amount:

CAS number(s): 432529-82-3
Molecular Formula: C₁₄H₁₈BrN₃O₂ **Molecular Weight:** 340.22
Batch Molecular Formula: C₁₄H₁₈BrN₃O₂·0.5H₂O **Batch Molecular Weight:** 349.22
Appearance: White solid **Observed mp:** 153 °C
TLC (R_f): 0.3 DCM/MeOH (20:1)
Chemical Purity: 99.3%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 48.15, H 5.48, N 12.03; Found: C 48.39, H 5.25, N 12.00
Storage Conditions: Store at +4 °C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water	0.0	0.0	Insoluble
	0.1N NaOH (aq)			Not Tested
	0.1N HCl (aq)	0.0	0.0	Insoluble
	DMSO	34.9	>100 mM	
	EtOH			Not Tested

Remarks:

QC Date: 16-08-2017

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