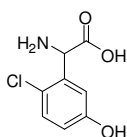




Certificate of Analysis

Axon Catalogue ID: 2691 **Batch Number:** 1
Product Name: CHPG
Alternative Name(s): (RS)-2-Chloro-5-hydroxyphenylglycine; α -Amino-2-chloro-5-
IUPAC Name: 2-Amino-2-(2-chloro-5-hydroxyphenyl)acetic acid

Structure:



Amount:

CAS number(s): 170846-74-9
Molecular Formula: C₈H₈ClNO₃ **Molecular Weight:** 201.61
Batch Molecular Formula: C₈H₈ClNO₃ **Batch Molecular Weight:** 201.61
Appearance: Off-white solid **Observed mp:** >215°C (decomp.)
TLC (R_f): 0.4 nBuOH/H₂O/AcOH (3:1:1)
Chemical Purity: 98.1%
Optical Purity (ee): N.A.
¹H-NMR (300 MHz): Analytical data confirm chemical structure
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 47.66, H 4.00, N 6.95; Found: C 47.42, H 3.94, N 6.79
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)	20.2	>100 mM	
	0.1N HCl (aq)			Not Tested
	DMSO	2.6	12.7	
	EtOH			Not Tested

Remarks:

QC Date: 8-11-2023

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