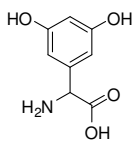




Certificate of Analysis

Axon Catalogue ID:	1739	Batch Number:	2																								
Product Name:	(RS)-3,5-DHPG																										
Alternative Name(s):	N.A.																										
IUPAC Name:	2-Amino-2-(3,5-dihydroxyphenyl)acetic acid																										
Structure:		Amount:																									
CAS number(s):	146255-66-5																										
Molecular Formula:	C8H9NO4	Molecular Weight:	183.16																								
Batch Molecular Formula:	C8H9NO4.0.25H2O	Batch Molecular Weight:	187.67																								
Appearance:	Grey solid	Observed mp:	237 °C (decomp)																								
TLC (R_f):	0.4	n-BuOH/AcOH/H2O (8:1:1)																									
Chemical Purity:	99.8%																										
¹H-NMR:	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	Calculated: C 51.20, H 5.10, N 7.46; Found: C 50.85, H 4.83, N 7.38																										
Storage Conditions:	Store at +4 °C																										
Solubility Data:	<table><thead><tr><th>Solvent</th><th>Solubility (mg/ml)</th><th>Solubility (mM)</th><th>Remarks</th></tr></thead><tbody><tr><td>Water</td><td>18.8</td><td>>100 mM</td><td></td></tr><tr><td>0.1N NaOH (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>0.1N HCl (aq)</td><td></td><td></td><td>Not Tested</td></tr><tr><td>DMSO</td><td>3.0</td><td>16.0</td><td></td></tr><tr><td>EtOH</td><td>0.0</td><td>0.1</td><td>Insoluble</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water	18.8	>100 mM		0.1N NaOH (aq)			Not Tested	0.1N HCl (aq)			Not Tested	DMSO	3.0	16.0		EtOH	0.0	0.1	Insoluble		
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Remarks:																											
QC Date:	26-6-2023																										

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