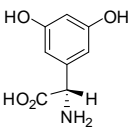




Certificate of Analysis

Axon Catalogue ID:	1740	Batch Number:	1																								
Product Name:	(S)-3,5-DHPG																										
Alternative Name(s):	(S)-3,5-Dihydroxyphenylglycine																										
IUPAC Name:	(S)-2-Amino-2-(3,5-dihydroxyphenyl)acetic acid																										
Structure:		Amount:																									
CAS number:	162870-29-3																										
Batch Molecular Formula:	C ₈ H ₉ NO ₄ ·½H ₂ O	Batch MW:	192.16																								
Appearance:	Off-white Solid	Observed m.p.:	222°C (Dec.)																								
TLC (R_f):	0.49 3:1:1 n-BuOH/AcOH/H ₂ O																										
Chemical Purity:	99.7%	Wavelength for purity check:	279 nm																								
Optical Purity (ee):	99%																										
¹H-NMR (300 MHz):	Analytical data confirm chemical structure																										
Mass Spec:	Analytical data confirm chemical structure																										
Microanalysis:	C, H, and N fit within 0,4% of theoretical calculation																										
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></td><td>>100 mM</td><td>Very Soluble</td></tr><tr><td>1eq. NaOH</td><td></td><td></td><td>Not tested</td></tr><tr><td>1eq. HCl</td><td></td><td></td><td>Not tested</td></tr><tr><td>DMSO</td><td></td><td>>100 mM</td><td>Very Soluble</td></tr><tr><td>EtOH</td><td></td><td></td><td>Not tested</td></tr></tbody></table>	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks	Water		>100 mM	Very Soluble	1eq. NaOH			Not tested	1eq. HCl			Not tested	DMSO		>100 mM	Very Soluble	EtOH			Not tested		
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1eq. HCl			Not tested																								
DMSO		>100 mM	Very Soluble																								
EtOH			Not tested																								
Remarks:	Microanalysis: Calcd C 50.00, H 5.25, N 7.29; Found: C 50.43, H 4.98, N 7.24.																										
Quality controller:	M.Brandsma, MSc.	Date:	3/1/2012																								

The purity of Axon products 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 Axon Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only