



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204256
Lot Number: SAMPLE
Product Name: (S)-3,5-DHPG
CAS Number: 162870-29-3
Molecular Formula: $C_8H_9NO_4$
Molecular Weight: 183.16

Test	Specification	Result
Appearance	White to off-white solid	White solid
Microanalysis	Elemental analysis within 0.4 of expected result for each element	Complies
Identification (NMR)	Confirms structure and shows < 1% of any other impurity	Complies
Purity (HPLC)	> 98% (by chiral analysis)	> 99%
TLC	Single spot, $R_f = 0.40$	Complies
Solubility	Soluble in water to 50 mM	Complies
Optical Rotation ($\alpha_{25/D}$)	125° - 140°	+133°

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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