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Certificate of Analysis

Catalogue Number	03834
Lot Number	500707
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^ω-(2,2,5,7,8-pentamethylchroman-6-sulfonyl)-<i>L</i>-arginine cyclohexylammonium salt

Z-*L*-Arg(Pmc)-OH•CHA

CAS Number	112160-33-5
Molecular Formula	C ₂₈ H ₃₈ N ₄ O ₇ S•C ₆ H ₁₃ N
Molecular Weight	673.9

Appearance	White powder
Solubility	Clear and colorless solution (5% in Methanol)
Melting Point	160-168 °C
Elemental Analysis (Theory)	C = 59.80%; H = 7.68%; N = 10.26%; H ₂ O = 1.3%
Elemental Analysis (Found)	C = 59.57%; H = 7.57%; N = 10.17%; H ₂ O = 0.7%
TLC System	Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) R _f = 0.50 Chloroform/Methanol/Acetic acid (77.5:15:7.5) R _f = 0.45 Detected by: UV, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = +8.5° (C=1 in Ethanol)
Purity by TLC	> 99%
Storage	Store at 0-8 °C

Certificate of Analysis

Catalog Number: 03834

Lot Number: 500707

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager