

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	03834
Product	<i>N</i>^α-<i>Z</i>-<i>N</i>^ω-(2,2,5,7,8-pentamethylchroman-6-sulfonyl)-L-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	158-170 °C
Elemental Analysis (Theory)	C = 59.80%; H = 7.68%; N = 10.26%; H ₂ O = 1.3%
Elemental Analysis (Found)	C = 59.57 ± 0.5%; H = 7.57 ± 0.5%; N = 10.17 ± 0.5%; H ₂ O = 0.7 ± 0.5%
TLC System	Chloroform/Methanol/Benzene/H ₂ O (8:8:8:1) Chloroform/Methanol/Acetic acid (77.5:15:7.5) Detected by: UV, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = +8.5 ± 2° (C=1 in Ethanol)
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only