

Cyclorasin 9A54 Peptide

Cyclorasin 9A54

CATALOG #
AAA60653

PRODUCT SYNONYMS

Cyclorasin 9A54; cyclo(Arg-Phe(3; 4-Di-F)-D-Nle-Gln-Trp-Tle-D-Val-Arg-Arg-Arg-2-D-Nal); Cyclorasin 9A54 peptide

PRODUCT SPECIFICATIONS

Purity/Purification	98.4% purity by HPLC
Form/Format	Trifluoroacetate salt
Molecular Formula	C ₇₉ H ₁₁₅ N ₂₅ O ₁₂ F ₂
Appearance	White powder
ES-MS	Found: 822.9922 (2+) / Expected: 823.4657 (2+) Found: 548.9964 (3+) / Expected: 549.3131 (3+) Found: 412.2505 (4+) / Expected: 412.2368 (4+)
Amino Acid Analysis	Glu: 1.01 (1) Val: 1.01 (1) Nle: 0.95 (1) Arg: 4.12 (4) Trp, Tle, D-Nal and Phe (3,4-Di-Fluoro) not determined
Net Peptide Content	65.8%
Soluble	1 mg in 50 ul of distilled sterile H ₂ O 1 mg in 50 ul of phosphate buffered saline (PBS) 1 mg in 50ul of 3% acetic acid (AcOH) 1 mg in 50 ul of DMSO; and remains in solution upon further dilution with sterile H ₂ O When dissolving peptides, first solubilize the peptide in appropriate solvent systems, then dilute with suitable buffers.
Preparation and Storage	Please store dry and frozen (-20°C). The undissolved peptide is stable below -20°C in the dark for more than one year. The solution stability has not been tested, therefore, prompt use is recommended.

ADDITIONAL INFORMATION

Product Categories/Family for Cyclorasin 9A54 peptide	Biologically Active Peptides; Cyclorasins
References	P. Upadhyay, et al., Angew. Chem. Int. Ed., 54, 1 (2015) .

NCBI AND UNIPROT INFORMATION

Molecular Weight	1644.95
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.