



CAS Registry Number: 63798-73-2

Molecular Formula: C₆₁H₁₀₉N₁₁O₁₂

Molecular Weight: 1188.599

Accurate Mass: 1187.825719

Percentage Composition: C 61.64%; H 9.24%; N 12.96%; O 16.15%

Biological Source: From *Trichoderma inflatum*

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 149-152° (142-144°)

Optical Rotation: [α]_D²⁰ −179 (CHCl₃)

Solubility: Sol. MeOH, Et₂O, CHCl₃, Me₂CO; poorly sol. H₂O, C₆H₆, hexane

>>Variant: Cyclosporin G

Synonym(s): 7-L-Norvalinecyclosporin A, 9Cl. Hetecimus

CAS Registry Number: 74436-00-3

Molecular Formula: C₆₃H₁₁₃N₁₁O₁₂

Molecular Weight: 1216.652

Accurate Mass: 1215.857019

Percentage Composition: C 62.19%; H 9.36%; N 12.66%; O 15.78%

Biological Source: From *Trichoderma inflatum*

Physical Description: Cryst. (Et₂O/petrol)

Melting Point: Mp 196-197°

Optical Rotation: [α]_D²⁰ −245 (CHCl₃)

Solubility: Sol. MeOH, CHCl₃

>>Variant: Cyclosporin H

Synonym(s): 5-(N-Methyl-D-valine)cyclosporin A, 9Cl

CAS Registry Number: 83602-39-5

Molecular Formula: C₆₂H₁₁₁N₁₁O₁₂

Molecular Weight: 1202.625

Accurate Mass: 1201.841369

Percentage Composition: C 61.92%; H 9.30%; N 12.81%; O 15.96%

Biological Source: From *Trichoderma inflatum*

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 162-165°

Optical Rotation: [α]_D²⁰ −177 (c, 0.75 in CHCl₃)

Solubility: Sol. MeOH, EtOAc; fairly sol. hexane; poorly sol. H₂O, hexane

>>Variant: Cyclosporin J

Synonym(s): 6-L-(N-Methyleucine)cyclosporin A

CAS Registry Number: 121604-28-2

Molecular Formula: C₅₉H₁₀₇N₁₁O₁₁

Molecular Weight: 1146.561

Accurate Mass: 1145.815154

Percentage Composition: C 61.81%; H 9.41%; N 13.44%; O 15.35%

Biological Source: Prod. by *Tolypocladium terricola*

Physical Description: Powder

Melting Point: Mp 136°

Optical Rotation: [α]_D²⁵ −283.5 (CHCl₃)

>>Variant: Cyclosporin K

Synonym(s): 6-(2-L-Amino-N,4-dimethyl-6-octenoic acid)-7-L-valinecyclosporin A

CAS Registry Number: 108027-38-9

Molecular Formula: C₆₃H₁₁₃N₁₁O₁₁

Molecular Weight: 1200.653

Accurate Mass: 1199.862104

Percentage Composition: C 63.02%; H 9.49%; N 12.83%; O 14.66%

Physical Description: Amorph.

Melting Point: Mp 127-132°