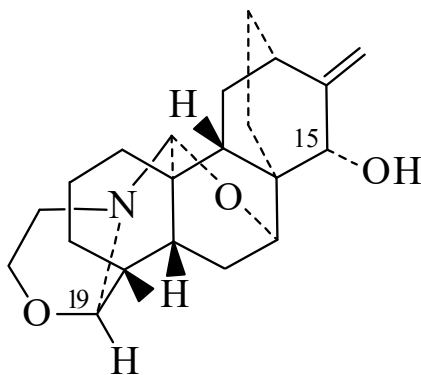




>>Entry Name: Spiramine C



CAS Registry Number: 114485-97-1

Molecular Formula: $C_{22}H_{31}NO_3$

Molecular Weight: 357.492

Accurate Mass: 357.230394

Percentage Composition: C 73.92%; H 8.74%; N 3.92%; O 13.43%

Biological Source: Alkaloid from *Spiraea japonica* var. *acuminata* (Rosaceae)

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 167-169°

Optical Rotation: $[\alpha]_D^{25} -149.9$ (c, 1.0 in C₆H₆)

>>Derivative: *O*¹⁵-Ac

Synonym(s): Spiramine A

CAS Registry Number: 114531-28-1

Molecular Formula: $C_{24}H_{33}NO_4$

Molecular Weight: 399.529

Accurate Mass: 399.240959

Percentage Composition: C 72.15%; H 8.32%; N 3.51%; O 16.02%

Biological Source: Alkaloid from *Spiraea japonica* var. *acuminata* (Rosaceae)

Physical Description: Cryst. (hexane)

Melting Point: Mp 137.5-139°

Optical Rotation: $[\alpha]_D^{25} -103.1$ (c, 0.9 in C₆H₆)

>>Derivative: 19-Epimer

Synonym(s): Spiramine D

CAS Registry Number: 114485-98-2

Molecular Formula: $C_{22}H_{31}NO_3$

Molecular Weight: 357.492

Accurate Mass: 357.230394

Percentage Composition: C 73.92%; H 8.74%; N 3.92%; O 13.43%

Biological Source: Alkaloid from *Spiraea japonica* var. *acuminata* (Rosaceae)

Physical Description: Cryst. (Et₂O)

Melting Point: Mp 160-162°

Optical Rotation: $[\alpha]_D^{25} -169$ (c, 0.7 in C₆H₆)

>>Derivative: 19-Epimer, *O*¹⁵-Ac

Synonym(s): Spiramine B

CAS Registry Number: 114485-96-0

Molecular Formula: $C_{24}H_{33}NO_4$

Molecular Weight: 399.529

Accurate Mass: 399.240959

Percentage Composition: C 72.15%; H 8.32%; N 3.51%; O 16.02%

Biological Source: Alkaloid from *Spiraea japonica* var. *acuminata* (Rosaceae)

Physical Description: Cryst. (hexane)

Melting Point: Mp 129-131°

Optical Rotation: $[\alpha]_D^{25} -159.5$ (c, 0.9 in C₆H₆)

References: