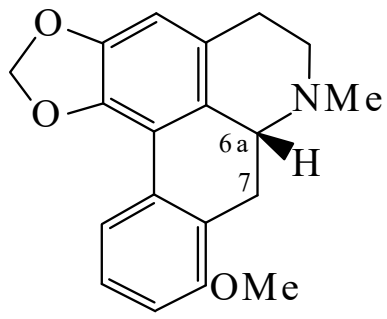
>>**Entry Name: Stephanine**
Synonym(s): 8-Methoxy-1,2-methylenedioxyaporphine



(*R*)-*form*

Molecular Formula: $C_{19}H_{19}NO_3$
Molecular Weight: 309.364
Accurate Mass: 309.136494
Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%

>>**Variant:** (*R*)-form

CAS Registry Number: 517-63-5

Molecular Formula: $C_{19}H_{19}NO_3$
Molecular Weight: 309.364
Accurate Mass: 309.136494
Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%
Biological Source: Alkaloid from *Stephania capitata* and *Stephania japonica* (Menispermaceae)
Melting Point: Mp 155-157°
Optical Rotation: $[\alpha]_D$ –92.5 ($CHCl_3$)

>>**Derivative:** Methiodide

Melting Point: Mp 211-215°

>>**Derivative:** 6*a*,7-Didehydro
Synonym(s): Dehydrostephanine

CAS Registry Number: 76907-76-1

Molecular Formula: $C_{19}H_{17}NO_3$
Molecular Weight: 307.348
Accurate Mass: 307.120844
Percentage Composition: C 74.25%; H 5.57%; N 4.56%; O 15.62%

Melting Point: Mp 161-163°

>>**Variant:** (±)-form

Molecular Formula: $C_{19}H_{19}NO_3$
Molecular Weight: 309.364
Accurate Mass: 309.136494
Percentage Composition: C 73.77%; H 6.19%; N 4.53%; O 15.52%
Source/Synthesis: Synthetic
Physical Description: Prisms (Me_2CO)
Melting Point: Mp 136-137° (131-133°)

>>**Derivative:** Hydrochloride

Physical Description: Needles ($MeOH/Et_2O$)
Melting Point: Mp 269-270 dec.°

>>**Derivative:** Methiodide

Physical Description: Needles
Melting Point: Mp 212-214°

References: