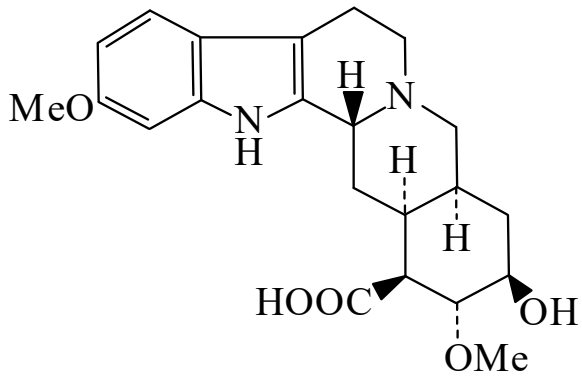
>>**Entry Name: Reserpic acid**
Synonym(s): 18-Hydroxy-11,17-dimethoxyohimban-16-carboxylic acid, 9CI. Reserpinolic acid



Absolute
conf guration

CAS Registry Number: 83-60-3

Molecular Formula: $C_{22}H_{28}N_2O_5$
Molecular Weight: 400.474
Accurate Mass: 400.199823
Percentage Composition: C 65.98%; H 7.05%; N 7.00%; O 19.98%
Biological Source: Alkaloid from *Rauwolfia vomitoria*, hydrol. prod. of several ester alkaloids. Only recently isol. in unesterified form (Apocynaceae)
Melting Point: Mp 241-243°

>>**Derivative:** Me ester
Synonym(s): Methyl reserpate

CAS Registry Number: 2901-66-8

Molecular Formula: $C_{23}H_{30}N_2O_5$
Molecular Weight: 414.5
Accurate Mass: 414.215473
Percentage Composition: C 66.65%; H 7.29%; N 6.76%; O 19.30%
Biological Source: Alkaloid from *Rauwolfia serpentina, Rauwolfia amsoniaefolia, Rauwolfia macrophylla* and *Rauwolfia vomitoria* (Apocynaceae)
Melting Point: Mp 244-245°
Optical Rotation: $[\alpha]_D$ –101 (c, 0.5 in $CHCl_3$)
Hazard & Toxicity: LD_{50} (rat, orl) 479 mg/kg

>>**Derivative:** *O*-(3,4-Dimethoxybenzoyl), Me ester
Synonym(s): 3,4-Dimethoxybenzoylreserpic acid methyl ester

CAS Registry Number: 2901-64-6

Molecular Formula: $C_{32}H_{38}N_2O_8$
Molecular Weight: 578.661
Accurate Mass: 578.262818
Percentage Composition: C 66.42%; H 6.62%; N 4.84%; O 22.12%
Biological Source: Alkaloid from root bark of *Rauwolfia vomitoria*(Apocynaceae)
Melting Point: Mp 225-230 dec.°. Mp 230° (synthetic)
Optical Rotation: $[\alpha]_D^{20}$–125.5 (c,1 in $CHCl_3$)
UV: [neutral] λ_{max} 223 (log ε 4.74); 263 (log ε 4.27); 296 (log ε 4.13) (MeOH)

>>**Derivative:** *O*-(3,4,5-Trimethoxybenzoyl), Me ester