

Reserpine

Other names:

Yohimban-16-carboxylic acid,
11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxyl]-methyl ester,
3«beta»,20«alpha»-yohimban-16«beta»-carboxylic acid,
3«beta»,16«beta»,17«alpha»,18«beta»,20«alpha»-
18«beta»-hydroxy-11,17«alpha»-dimethoxy-methyl ester
Angul
3,4,5-trimethoxybenzoate (ester)
Banasil
Bioserpine
Crytoserpine
Deserpine
Elserpine
Eserpine
Eskaserp
ENT 50146
Kitine
Lemiserp
Loweserp
Mayserpine
Methylreserpate 3,4,5-Trimethoxybenzoic acid ester
Quiescin
Rau-sed
Raucap
Raulen
Raunervil
Raupasil
Raurine
Rausedil
Rausedyl
Rausingle
Resercaps
Resercen
Reserlor
Reserpamed
Reserpex
Reserpil
Reserpoid
Resine
Respital
Restran
Riserpa
Rivasin
Roxinoid
Sandril

Sedaraupin
Sedserp
Serfin
Serolfia
Serp-AFD
Serpaloid
Serpanray
Serpasil
Serpasil premix
Serpate
Serpen
Serpentina
Serpicon
Serpiloid
Serpine (pharmaceutical)
Serpipur
Sertabs
Sertina
T-Serp
Temposerpine
Triserpin
Vio-Serpine
3,4,5-Trimethoxybenzoyl methyl reserpate
I -Carpserp
Alkarau
Alserin
Apoplon
Apsical
Ascoserpina
Austrapine
Benazyl
Benz(g)indolo(2,3-a)quinolizine-1-carboxylic acid,
1,2,3,4,4a,5,7,8,13,13b,14,14a-dodecahydro-3-hydroxy-2,11-dimethoxy-, methyl
ester, 3,4,5-trimethoxybenzoate
Proserpine
Carditivo
Carrserp
Eberpine
Eberspine
Enipresser
Escaspere
Eskaserpine
H 520
Helfoserpin
Hiposerpil

Hiserpia
Hypersil
Hypersine
Idsoserp
Interpina
Key-serpine
Maviserpin
Mephaserpin
Methyl reserpate 3,4,5-trimethyloxybenzoic acid
Neo-antitensol
Neoserfin
Neoserp
NCI-C50157
Purserpine
R-E-S
Raudiford
Raudixoid
Raugal
Rauloydin
Raumorine
Raunorine
Raunova
Raupoid
Rausan
Rausedan
Rauserpin-Alk
Rauserpine
Rauserpol
Rautrin
Rauvid
Rauwasedin
Rauwilid
Rauwipur
Rauwoleaf
Rawilid
Resedrex
Reserbal
Reserjen
Reserp
Reserpal
Reserpanca
Reserpene
Reserpina

Reserpinum
Reserpka
Reserpur
Resiatric
Residine
Resocalm
Resperin
Resperine
Rezerpin
Rivased
Rolserp
Roxel
Roxynoid
Ryser
Sandron
Sarpagan
Sedaraupina
Sederaupin
Serfolia
Serpalan
Serpaneurona
Serpasol
Serpazil
Serpazol
Serpedin
Serpena
Serpentil
Serpentin
Serpil
Serpine
Serpivite
Serpogen
Serpoid
Serpone
Serpyrit
Sertens
Sertensin
SK-Reserpine
Tefaserpina
Tempo-Reserpina
Tenserpinie
Tepserpine
Unilord

USAF CB-27

3-«beta»,20-«alpha»-Yohimban-16-«beta»-carboxylic acid,
18-«beta»-hydroxy-11,17-«alpha»-dimethoxy-,methyl ester,
3,4,5-trimethoxybenzoate

Abicol

Adelfan

Adelphane

Adelphin

Adelphin-esidrex-K

Alkaserp

Arcum R-S

Ascoserp

Banisil

Bendigon

Brinderdin

Briserine

Butiserpazide-25

Butiserpazide-50

Butiserpine

Cardioserpin

Darebon

Diupres

Diutensen-R

Drenusil-R

Dypertane compound

Ebserpine

Elfanex

Gilucard

Gamaserpin

Hexaplin

Hydromox R

Hydropres

Hydropres KA

Hygroton-reserpine

Hypercal B

Hypertane forte

Hypertensan

Idoserp

Klimanosid

Marnitension simple

Metatensin

Methylreserpate 3,4,5-trimethoxybenzoic acid

Mio-pressin

Modenol

Naquival
Nembu-serpin
Neo-antitersol
Neoslowten
Orthoserpina
Perskleran
Pressimedin
Raudixin
Rauloycin
Raunormin 'orzan'
Rauserpen-alk
Rauserpin
Rauvilid
Rauwiloid
Rauwiloid+
Rcra waste number U200
Recipin
Regroton
Renese R
Resaltex
Resedin
Resedril
Rese-LAR
Reser-AR
Reserocrine
Reserfia
Reserpidefe
Reserpin
Resersana
Reserutin
Resomine
Salupres
Salutensin
Sarpagen
Seda-ecipin
Seda-salurepin
Seominal
Serp
Serpasil apresoline
Serpasil-esidrex
Serpasil-esidrex no. 1
Serpasil-esidrex no. 2
Serpasil-esidrex K

Serpatone
 Serpax
 Serpentine 'pharbil'
 Serpilum
 Serplex K
 Serpresan
 Sinesalin composition
 Solfo serpene
 Supergan
 Tendoscen-compr.
 Tensanyl
 Tenserlix
 Tenserpine 'assia'
 Tensional
 Tensionorme
 Terbolan
 Transerpin
 Tylandril
 Unitensen
 Veriloid
 V-Serp
 Yohimban-16-carboxylic acid derivative of benz(g)indolo(2,3-a)quinolizine
 Methyl
 18«beta»-hydroxy-11,17«alpha»-dimethoxy-3«beta»,20«alpha»-yohimban-16«beta»-carboxylic acid methyl ester 3,4,5-trimethoxybenzoate
 Reserpine acid methyl ester 3,4,5-trimethoxybenzoate
 3,4,5-trimethoxybenzoate (ester)
 Methyl reserpate 3,4,5-trimethoxybenzoate
 (-)-Reserpine
 11,17-Dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]yohimban-16-carboxylic acid
 methyl ester
 Carpacil
 Methyl reserpate 3,4,5-trimethoxybenzoate (ester)

Inchi: InChI=1S/C33H40N2O9/c1-38-19-7-8-20-21-9-10-35-16-18-13-27(44-32(36))17-11-25(39)
InchiKey: QEVHRUUCFGRFIF-UHFFFAOYSA-N
Formula: C33H40N2O9
SMILES: COC(=O)C1C2CC3c4[nH]c5cc(OC)ccc5c4CCN3CC2CC(OC(=O)c2cc(OC)c(OC)c(OC)c
Mol. weight [g/mol]: 608.68
CAS: 50-55-5

Physical Properties

Property code	Value	Unit	Source
ie	7.88	eV	NIST Webbook

log10ws	-6.40		Crippen Method
logp	3.689		Crippen Method
mcvol	444.760	ml/mol	McGowan Method

Sources

McGowan Method:	http://link.springer.com/article/10.1007/BF02311772
NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C50555&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.cheméo.com/doc/models/crippen_log10ws

Legend

ie:	Ionization energy
log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
mcvol:	McGowan's characteristic volume

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