Reserpine

ALTERNATE NAME: NSC 59272
NSC 237659
(3β,16β,17α,18β,20α)-11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-yohimban-16-carboxylic acid, methyl ester
Rausedil

CATALOG #:
B2681-10  10 mg
B2681-50  50 mg

STRUCTURE:

MOLECULAR FORMULA: C₃₃H₄₀N₂O₉
MOLECULAR WEIGHT: 608.68
CAS NUMBER: 50-55-5
APPEARANCE: White to off-white solid
PURITY: ≥98% by HPLC
SOLUBILITY: ~10 mg/ml DMSO

DESCRIPTION: Reserpine is an alkaloid isolated from dried roots of R. serpentine. Reserpine irreversibly inhibits both human isoforms of vesicular monoamine transporter, VMAT1 and VMAT2 (Kᵢ = 34 and 12 nM, respectively). It also inhibits adrenaline induced-cutaneous blood vessel constriction and diminishes the effect of hyperthyroidism on cardiovascular and nervous system. Reserpine also inhibits the multidrug resistance protein P-glycoprotein (IC₅₀ = 0.5 µM).

STORAGE TEMPERATURE: -20°C. Protect from light
HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:
Elacridar (2792)
Tariquidar (2853)
Valbenazine (B2954)
MK-571 (2691)

DISCLAIMER: FOR RESEARCH USE ONLY! Not to be used on humans.