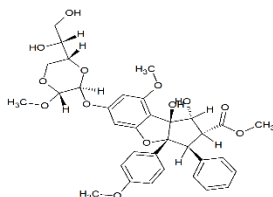


Silvestrol

ALTERNATE NAME: (-)-silvestrol
methyl (1R,2R,3S,3aR,8bS)-6-[[[(2S,3R,6R)-6-[(1R)-1,2-dihydroxyethyl]-3-methoxy-1,4-dioxan-2-yl]oxy]-1,8b-dihydroxy-8-methoxy-3a-(4-methoxyphenyl)-3-phenyl-2,3-dihydro-1H-cyclopenta[b][1]benzofuran-2-carboxylate

CATALOG #: B2417-100 100 µg
B2417-500 500 µg

STRUCTURE:



MOLECULAR FORMULA: C₃₄H₃₈O₁₃

MOLECULAR WEIGHT: 654.66

CAS NUMBER: 697235-38-4

APPEARANCE: Solid

PURITY: ≥95%

SOLUBILITY: >5 mg/ml DMSO

STORAGE CONDITIONS: -20°C

DESCRIPTION: Silvestrol is a natural product isolated from the fruits and twigs of *Aglaia foveolata*. Acts as a eukaryotic translation initiation factor 4A (eIF4A) inhibitor. Also displays broad-spectrum antiviral activity in infected primary cells by inhibiting eIF4A-dependent viral mRNA translation.

REFERENCES: Kim, S., et al. (2007). *Anticancer Res.* 27 (4B), 2175-2183.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

PX-478 hydrochloride (B1033)
Oxytetracycline Hydrochloride (B1527)
Salubrinal (1980)

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