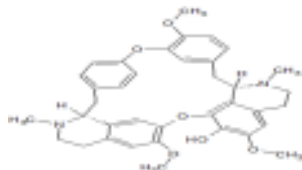


Fangchinoline

ALTERNATE NAME: Limacine
Frangchinoline
7-O-Demethyltetrandine

CATALOG #: B3240-5 5 mg
B3240-25 25 mg

STRUCTURE:



MOLECULAR FORMULA: C₃₇H₄₀N₂O₆

MOLECULAR WEIGHT: 608.72

CAS NUMBER: 436-77-1

APPEARANCE: Solid

PURITY: ≥98%

SOLUBILITY: ~25 mg/ml DMSO

DESCRIPTION: Fangchinoline is a bisbenzylisoquinoline alkaloid that has been shown to elicit anti-cancer effects in prostate and breast cancer cell lines via inducing G1 cell cycle arrest. It has also been shown to inhibit cell proliferation and cell cycle progression in rat aortic vascular smooth muscle cells. Fangchinoline inhibits apoptosis of osteoblasts and protects against bone loss in prednisolone-induced osteoporosis rats by inducing autophagy.

STORAGE TEMPERATURE: -20°C. Protect from moisture

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

RELATED PRODUCTS:

Conessine (B2772)
Tetrandine (B2089)
Reserpine (B2681)
Cepharanthine (B3042)

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