

Product: Picropodophyllotoxin

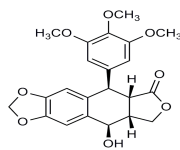
RELATED PRODUCTS:
AZD-3463 (Cat. No. 2371-5, 25)
GSK1904529A (Cat. No. 2286-5, 25)
XL-228 (Cat. No. 2632-1,5)

ALTERNATE NAME: (5*R*,5*aS*,8*aR*,9*R*)-5,8,8*a*,9-Tetrahydro-9-hydroxy-5-(3,4,5-trimethoxyphenyl)-furo[3',4':6,7]naphtho[2,3-*d*]-1,3-dioxol-6(5*aH*)-one; NSC 36407, PPP, Picropodophyllin

CATALOG #: 2765-1, 5

AMOUNT: 1 mg, 5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₂H₂₂O₈

MOLECULAR WEIGHT: 414.41

CAS NUMBER: 477-47-4

APPEARANCE: White solid

SOLUBILITY: DMSO (~ 40 mg/ml)

PURITY: ≥97% by TLC

STORAGE: Store at -20 °C. Protect from light and moisture

DESCRIPTION: A potent and selective inhibitor of insulin-like growth factor 1 receptor (IGF1R) which is non-competitive with ATP. Displays no activity at IR, EGFR, FGFR or PDGFR. Inhibits IGF1R autophosphorylation IC₅₀ ~ 1 nM. Displays antiproliferative activity in numerous tumor cell lines, IC₅₀ = 0.05 - 15 μM. Exhibits antiangiogenic activity.

REFERENCE: Linder, S., *et al.* (2007). *Cancer Res.* **67**, 2899-2900.

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

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