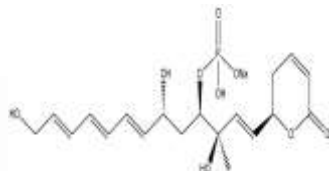


PRODUCT: Fostriecin sodium

ALTERNATE NAME: (6R)-5,6-Dihydro-6-[(1E,3R,4R,6R,7Z,9Z,11E)-3,6,13-trihydroxy-3-methyl-4-(phosphonoxy)-1,7,9,11-tridecatetraenyl]-2H-pyran-2-one sodium; Phosphotrienin; CI-920; CL-1565A; NSC-339638; PD 110,161; Pyranone phosphate

CATALOG #: B1241-10

AMOUNT: 10 µg

STRUCTURE:

MOLECULAR FORMULA: C₁₉H₂₆O₉PNa

MOLECULAR WEIGHT: 452.37

CAS NUMBER: 87860-39-7

APPEARANCE: Colorless solid

SOLUBILITY: H₂O (>30 mg/ml)

PURITY: ≥98% by HPLC

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

DESCRIPTION: Fostriecin is a potent inhibitor of the serine/threonine protein phosphatases PP2A and PP4 with IC₅₀ value of 3.2 and 3 nM, respectively. It also displays weak inhibition of topoisomerase II having IC₅₀ of 40 µM and PP1 with IC₅₀ of 131 µM. Fostriecin has antitumor activity against a wide spectrum of tumor cells *in vitro* and excellent activity against P388 and L1210 leukemias *in vivo*.

REFERENCES: Hastie, C.J., and Cohen, P.T. (1998). *FEBS Letters*, **431**, 357-361.

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

RELATED PRODUCTS:

AEBSF, HCl (**Cat. No. 1644-200, 1G**)

Aprotinin (**Cat. No. 4690-5, 100, 1000**)

BCA Protein Quantitation Kit (**Cat. No. K812-1000**)

Cytostatin sodium (**Cat. No. B1240-250**)

E-64 (**Cat. No. 1739-5, 25**)

EZBlock™ Phosphatase Inhibitor Cocktail III (**Cat. No. K276-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail IV (**Cat. No. K282-1, set**)

EZBlock™ Phosphatase Inhibitor Cocktail I (50X) (**Cat. No. K273-1, set**)

EZBlock™ Protease Inhibitor Cocktail II (**Cat. No. K277-set**)

EZBlock™ Protease Inhibitor Cocktail III (**Cat. No. K278-set**)

EZBlock™ Protease Inhibitor Cocktail IV (**Cat. No. K279-1, set**)

EZBlock™ Protease Inhibitor Cocktail EDTA-Free (**Cat. No. K272-1, 5, set**)

EZBlock™ Protease Inhibitor Cocktail V, EDTA-Free (**Cat. No. K290-1, set**)

EZBlock™ Protease Inhibitor Cocktail VI, General Use (**Cat. No. K291-1, set**)

EZBlock™ Protease Inhibitor Cocktail VII (**Cat. No. K292-1, set**)

EZBlock™ Protease Inhibitor Cocktail VIII (**Cat. No. K293-1, set**)

EZBlock™ Protease Inhibitor Cocktail IX (**Cat. No. K294-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail (**Cat. No. K283-1, set**)

EZBlock™ Universal Protease and Phosphatase Inhibitor Cocktail, EDTA-Free (**Cat. No. K284-1, set**)

EZLys™ Bacterial Protein Extraction Reagent (**Cat. No. 8001-100, 500**)

EZLys™ Lysozyme, Human (**Cat. No. 8005-1G, 5G**)

Okadaic Acid (**Cat. No. 1543-025**)

Okadaic Acid, Ammonium Salt (**Cat. No. 1766-025**)

Okadaic Acid, Potassium Salt (**Cat. No. 1765-025**)

Okadaic Acid, Sodium Salt (**Cat. No. 1764-025**)

Leupeptin, Hemisulfate (**Cat. No. 1648-25, 50, 100**)

Pepstatin A (**Cat. No. 1732-25, 100**)

Protease Inhibitor Cocktail (**Cat. No. K271-500**)

PMSF (**Cat. No. 1548-5**)

Rubratoxin A (**Cat. No. B1239-250, 500**)

Tautomycin (**Cat. No. B1237-10, 50**)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**