

PRODUCT: Rubratoxin A

ALTERNATE NAME: 4, 8-Dihydroxy-5-(1-hydroxyheptyl)-10-[hydroxy(6-oxo-3,6-dihydro-2H-pyran-2-yl)methyl]-4,5,8,9,10,11-hexahydro-1H-furo[3',4':5,6]cyclonona[1,2-c]furan-1,3,6-trione

CATALOG #: B1239-250, 500

AMOUNT: 250 µg, 500 µg

STRUCTURE:

MOLECULAR FORMULA: C₂₆H₃₂O₁₁

MOLECULAR WEIGHT: 520.2

CAS NUMBER: 22467-31-8

APPEARANCE: White Solid

SOLUBILITY: DMSO

PURITY: ≥95% by HPLC

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

DESCRIPTION: Rubratoxin A is a mycotoxin and protein phosphatase 2A (PP2A) inhibitor. Does not inhibit PP1, PP2B, PTP1B, ALP and CIP. It causes suppression of tumor metastasis and reduction of primary tumor volume in mouse xenografts.

REFERENCES: Wada, S.I., et al. (2010), *Cancer Science* **10**, 743-750.

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**)

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**