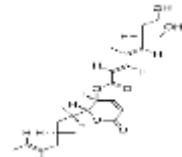


PRODUCT: Rasfonin

ALTERNATE NAMES: [(2R,3R)-2-[(E,2S,4R)-4,6-dimethyloct-6-en-2-yl]-6-oxo-2,3-dihydropyran-3-yl] (2E,4E,6S)-8-hydroxy-6-(hydroxymethyl)-4-methylocta-2,4-dienoate

CATALOG NUMBER: B1977-500

AMOUNT: 500 µg

STRUCTURE:

MOLECULAR FORMULA: C₂₅H₃₈O₆

MOLECULAR WEIGHT: 434.57

CAS NUMBER: 303156-68-5

APPEARANCE: Tan to brown viscous liquid

SOLUBILITY: DMSO (~ 1 mg/ml) or EtOH (~ 1 mg/ml)

PURITY: ≥95% by HPLC

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

DESCRIPTION: Rasfonin, isolated from *Talaromyces* sp., is a selective apoptosis inducer in ras-dependent cells. Rasfonin induces autophagy concomitant with upregulation of Akt phosphorylation.

REFERENCES: Lu, Q., *et al.* (2015). *Cell Death Dis.* Dec 3;6:e2005. doi: 10.1038/cddis.2015.344.

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

RELATED PRODUCTS:

Amiodarone Hydrochloride (**Cat. No. 1828-100, 500**)

ATM Kinase Inhibitor, KU-55933 (**Cat. No. 1685-5**)

Bafilomycin A1 (**cat. No. 1829-50, 250**)

Chloroquine diphosphate (**Cat. No. 1825-100, 500**)

Clonidine hydrochloride (**Cat. No. 2684-50, 250**)

C2-Dihydroceramide (**Cat. No. 2391-5, 25**)

Dorsomorphin (**Cat. No. 1686-5**)

Go6976 (**Cat. No. 1711-500**)

EZSolution™ Go6976 (**Cat. No. 1785-500**)

3-Methyladenine (**Cat. No. 2249-25, 100**)

SMER28 (**Cat. No. 1856-5, 25**)

Spautin-1 (**Cat. No. 2037-5, 25**)

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