Pellitorine

**ALTERNATE NAME:** (E,E)-N-(2-Methylpropyl) 2,4-decadienamide; BRN 1725967

**CATALOG #:** 2053-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

![Chemical Structure](image)

**MOLECULAR FORMULA:** C_{14}H_{25}NO

**MOLECULAR WEIGHT:** 223.35

**CAS NUMBER:** 18836-52-7

**APPEARANCE:** Yellow to beige solid

**SOLUBILITY:** DMSO or Ethanol

**PURITY:** ≥97% by HPLC

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

**DESCRIPTION:** Cell-permeable. A natural product isolated from the roots of *Piper Nigrum*. Modulator of the sensory neuron function to induce tingling paresthesia. Excellent stable model compound for sensory studies. α-Glucosidase inhibitor used in diabetes mellitus, cancer, infection and inflammatory research. Also acts as a ACAT (Acyl-CoA cholesteryl acyl transferase) inhibitor. Potential anti-cancer lead compound.

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

**RELATED PRODUCTS:**
- Betulinic Acid (Cat. No. 1552-25)
- Bexarotene (Cat. No. 1575-5, 50)
- Capecitabine (Cat. No. 1741-100, 1000)
- Carbolplatin (Cat. No. 1553-100)
- Cisplatin (Cat. No. 1550-10,1000)
- Daumorubicin HCl (Cat. No. 1527-5)
- (-)-Epigallocatechin gallate (Cat. No. 1841-50)
- Epothilone B (Cat. No. 2012-1, 5)
- Fludarabine Phosphate (Cat. No. 1763-10, 50)
- Gemcitabine Hydrochloride (Cat. No. 1759-25, 100)
- Genistein (Cat. No. 1533-10)
- Ilimaquinone (Cat. No. 2038-100)
- Nedaplatin (Cat. No. 1576-5)
- Nitric Oxide Colorimetric Assay Kit (Cat. No. K263-100)
- Nitric Oxide Fluorometric Assay Kit (Cat. No. K252-100)
- Oxaliplatin (Cat. No. 1577-25)
- Piperlongumine (Cat. No. 1919-10, 50)
- Paclitaxel (Cat. No. 1567-25)
- Tamoxifen Citrate (Cat. No. 1551-1000)
- Vinorelbine Tartrate (Cat. No. 1957-5, 25)

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