

**PRODUCT: Brefedin A**

<b>CATALOG #:</b>	1560-5
<b>AMOUNT:</b>	5 mg
<b>LOT #:</b>	_____
<b>MOLECULAR FORMULA:</b>	C <sub>16</sub> H <sub>24</sub> O <sub>4</sub>
<b>MOLECULAR WEIGHT:</b>	280.4
<b>PURITY:</b>	≥99%
<b>CAS NUMBER:</b>	20350-15-6
<b>APPEARANCE:</b>	Powder form
<b>SOLUBILITY:</b>	Soluble in DMSO or ethanol
<b>STORAGE CONDITIONS:</b>	-20°C in the dark
<b>BACKGROUND:</b>	Brefedin A has been shown to induce apoptosis in human tumor cells through caspase activation. It has also been shown to block translocation of proteins from the endoplasmic reticulum to the Golgi apparatus.
<b>CAUTION:</b>	Toxic. Do not ingest, swallow, or inhale. Do not get in eyes or on skin. Care should be taken to prevent contact through all routes of exposure. Detail toxicity information is not available at this time.

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

**RELATED PRODUCTS:**

## Apoptosis Detection Kits &amp; Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

## Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

## Cell Proliferation &amp; Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

## Cell Damage &amp; Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

## Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

## Adipocyte &amp; Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

## Molecular Biology &amp; Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

## Growth Factors and Cytokines

## Monoclonal and Polyclonal Antibodies