

SP600125

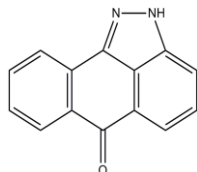
ALTERNATE NAME: Anthra[1-9-cd]pyrazol-6(2H)-one

CATALOG #: 1669-5

AMOUNT: 5 mg

LOT #: _____

STRUCTURE:



MOLECULAR FORMULA: C₁₄H₈N₂O

MOLECULAR WEIGHT: 220.23

CAS 129-56-6

APPEARANCE: Off-white solid

Solubility: DMSO (100 mM) or Ethanol (10 mM)

PURITY: ≥98% by HPLC

STORAGE: Store at +4°C. Protect from air and light.

DESCRIPTION: Cell-permeable. A selective inhibitor of c-Jun N-terminal kinase (JNK). Competitively and reversibly inhibits JNK1, 2 and 3 (IC₅₀ = 40-90 nM) with negligible activity at ERK2, p38β and a range of enzymes (IC₅₀ > 10 μM).

REFERENCES: Bennett, B.L., *et al.* (2001). *Proc. Natl. Acad. Sci. USA* **98**, 13681.

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

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

RELATED PRODUCTS:

Apoptosis Detection Kits & 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 & 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 & 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 & Lipid Transfer

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

Molecular Biology & 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