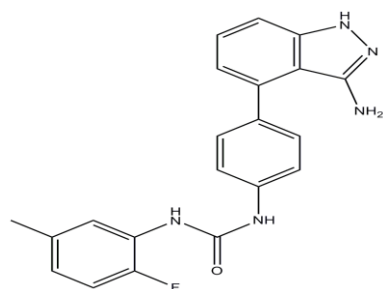


ABT-869

CATALOG #: 1615-1 1 mg
1615-5 5 mg

LOT #: _____

STRUCTURE:



MOLECULAR FORMULA: C₂₁H₁₈FN₅O

MOLECULAR WEIGHT: 375.41

CAS 796967-16-3

APPEARANCE: Solid

SOLUBILITY: DMSO

PURITY: ≥99%

STORAGE: Keep cool and dry, Store at -20°C

DESCRIPTION: ABT-869 is multi-targeted inhibitor of all members of the VEGF and PDGF receptor families (e.g., KDR, IC₅₀ value of 4 nM), but has much less activity (IC₅₀ values >1 μM) against unrelated receptor tyrosine kinases, soluble tyrosine kinases or serine/threonine kinases. The kinase inhibition profile of ABT-869 is evident in cellular assays of RTK phosphorylation (IC₅₀ values of 2, 4 and 7 nM for PDGFRβ, KDR and CSF-1R, respectively) and VEGF-stimulated proliferation (0.2 nM IC₅₀ for human endothelial cells).

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