

QS11

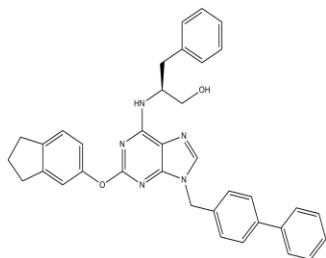
ALTERNATE NAME (2S)-2-[2-(Indan-5-yloxy)-9-(1,1'-biphenyl-4-yl)methyl]-9H-purin-6-ylamino]-3-phenyl-propan-1-ol

CATALOG #: 1680-5

AMOUNT: 5 mg

LOT #: _____

STRUCTURE:



MOLECULAR FORMULA: C₃₆H₃₃N₅O₂

MOLECULAR WEIGHT: 567.68

CAS NUMBER: 944328-88-5

APPEARANCE: White solid

SOLUBILITY: DMSO (>10 mg/ml)

PURITY: >98% by HPLC

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

DESCRIPTION: Inhibits the GTPase activating protein of ADP-ribosylation factor 1 (ARFGAP1) as well as synergizes the Wnt/β -catenin signaling pathway. The Wnt/β -catenin signaling pathway regulates cell fate and behavior during embryogenesis, adult tissue homeostasis, and regeneration.

REFERENCES: Zhang, Q., *et al.* (2007). *Proc. Natl. Acad. Sci. USA* **104**, 7444-7448.

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