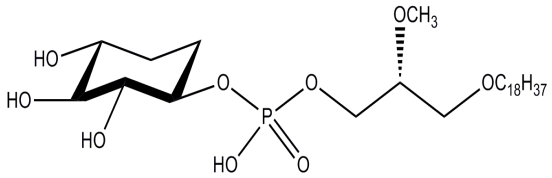
SH-6

ALTERNATE NAME: D-2,3-Dideoxy-*myo*-inositol 1-[(R)-2-methoxy-3-(octadecyloxy)propyl hydrogen phosphate

CATALOG #: 1819-500

AMOUNT: 500 µg

STRUCTURE:



MOLECULAR FORMULA: $C_{28}H_{57}O_9P$

MOLECULAR WEIGHT: 568.72

APPEARANCE: White to off-white solid

SOLUBILITY: DMSO (10 mg/ml)

PURITY: ≥95% by HPLC

STORAGE: Store at -20 ℃

DESCRIPTION: A cell-permeable inhibitor of Akt activation without affecting the activation of the upstream kinase PDK1 or other kinases downstream of Ras such as MAPK. Induces apoptosis and kills a variety of cancer cell lines containing high levels of active Akt.

REFERENCE: Van Meter, T.E., *et al.* (2006). *Cancer* **107,** 2446-2454; Kozikowski, A.P., *et al.* (2003). *J. Am. Chem. Soc.* **125,** 1144-1145.

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 on humans.

RELATED PRODUCTS:

- Akt/PKB Antibody **(Cat. No. 3247-100)**
- Phospho-Akt Antibody **(Cat. No. 3257-100)**
- Akt2 Antibody **(Cat. No. 3155-100)**
- Akt3 Antibody **(Cat. No. 3159-100)**
- Akt3 Antibody **(Cat. No. 3162-100)**
- Akt3 Antibody **(Cat. No. 3163-100)**
- Akt3 Antibody **(Cat. No. 3164-100**
- Active Akt1 **(Cat. No. 7701-5)**
- Active Akt2 **(Cat. No. 7702-5)**
- Active Akt3 **(Cat. No. 7703-5)**
- Akt-activated Cell Lysate **(Cat. No. 7036-1)**
- Akt Negative Control Cell Lysate **(Cat. No. 7035-1)**
- Akt Inhibitor **(Cat. No. 1701-1)**
- Akt Inhibitor, Isozyme-Selective **(Cat. No. 1708-1)**
- DiscoveryPak™ PI 3 Kinase Inhibitor Set **(Cat. No. K856-5)**
- KinaseStar™ Akt Activity Assay Kit **(Cat. No. K435-40)**
- Perifosine(KRX-0401) **(Cat. No. 1592-5, 25)**
- SH-5 **(Cat. No. 1818-500)**
- Triciribine **(Cat. No. 1707-1)**

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