

## PRODUCT DATA SHEET

**Product:** SH-6

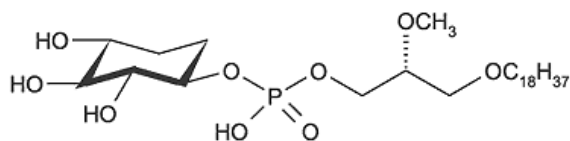
**Cat. No:** AB-056 (1 mg)

**Description:**

SH-6 is an inhibitor of Akt (PKB) acitivation without affecting activation of the upstream kinase PDK-1, or other kinases downstream of Ras such as MAPK. Induces apoptosis and kills a variety of cancer cell lines that contain high levels of active Akt and depend upon Akt for survival.

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

**Formula:** C<sub>28</sub>H<sub>57</sub>O<sub>9</sub>P



**MW:** 568.7

**Purity:** ≥ 98%

**Appearance:** White to off-white solid.

**Solubility:** Soluble in DMSO, methanol or water.

**Storage and Stability:**

Store at +4°C.

**Limitations:**

For *in vitro* research use only. Not for use in diagnostics or in humans.

**Warranty:**

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.