

PRODUCT DATA SHEET

Product: SH-5

Cat. No.: AB-055 (1 mg)

Description:

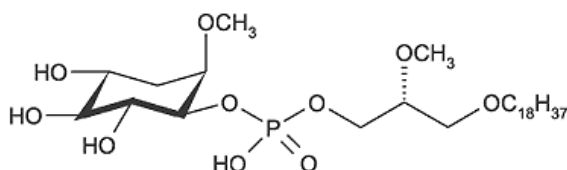
SH-5 is an inhibitor of Akt (PKB) activation without affecting activation of the upstream kinase PDK-1, or other kinases downstream of Ras such as MAPK. Induces apoptosis and kills a variety of cancer cell lines that contain high levels of active Akt and depend upon Akt for survival.

Synonyms:

D-3-Deoxy-2-O-methyl-*myo*-inositol 1-[(R)-2-methoxy-3-(octadecyloxy)propyl hydrogen phosphate]

Formula:

$C_{29}H_{59}O_{10}P$



MW:

598.7

Purity:

≥ 98% by HPLC

Appearance:

White to off-white solid.

Solubility:

Soluble in DMSO, methanol or water.

Storage:

Store dry at +4°C.

Warning:

If you are not fully trained or are unaware of the hazards involved, do not use these compounds!

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

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.