SH-5

Akt inhibitor

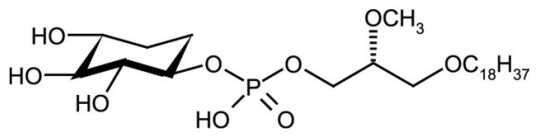
Inhibitor of Akt (PKB) activation without affecting activation of the upstream kinase PDK-1, or other kinases downstream of Ras such as MAPK. Induces apoptosis and kills a variety of cancer cell lines containing high levels of active Akt and depending upon Akt for survival.

Citations: 7 View Online »

Ordering Information Order Online »

ALX-270-349-M001	1mg

Manuals, SDS & CofA View Online »


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OCH3
OC18H37

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	D-3-Deoxy-2-O-methyl-myo-inositol 1-[(R)-2-methoxy-3-(octadecyloxy)propyl hydrogen phosphate]
Appearance	White to off-white solid.
Couple Target	Akt
Couple Type	Inhibitor
Formula	$C_{29}H_{59}O_{10}P$
Identity	Determined by 1H-NMR, 31P-NMR, 13C-NMR and MS.
MW	598.7
Purity	≥98% (TLC)
Solubility	Soluble in DMSO (10mg/ml) or methanol; slightly soluble in water.

Last modified: May 29, 2024

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