

Vevorisertib Biochemical

Vevorisertib

CATALOG #
AAA227665

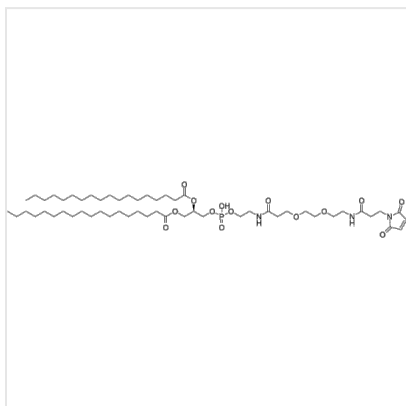
PRODUCT SYNONYMS

Vevorisertib; Vevorisertib biochemical

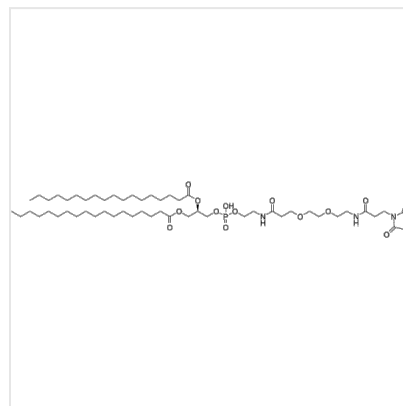
PRODUCT SPECIFICATIONS

Purity/Purification	98%
CAS	1416775-46-6
Targets&IC50	Akt3:1.31 nM (IC50), Akt2:0.81 nM (IC50), Akt1:0.55 nM (IC50)
Solubility	<1mg/ml refers to the product slightly soluble or insoluble
In vitro	Vevorisertib (10~120 mg/kg) exerts dose-dependent anti-tumor activity in an AKT1-E17K mutant endometrial patient-derived xenograft (PDX) model. Vevorisertib shows a plasma half-life of 4 to 5 hours and no tissue accumulation[4].
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
DSPE-PEG2-mal, CAS 1915739-87-5



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ADDITIONAL INFORMATION

Related Product Information for Vevorisertib biochemical	Vevorisertib (ARQ 751) is an orally active, potent and selective pan-AKT serine/threonine kinase inhibitor against AKT1 (IC 50 =0.55 nM), AKT2 (IC 50 =0.81 nM), and AKT3 (IC 50 =1.31 nM). Vevorisertib, as a single agent or in combination with other anti-cancer agents, can be used for the research of solid tumors with PIK3CA / AKT / PTEN mutations[4].
References	1. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/biochemical/vevorisertib/227665>