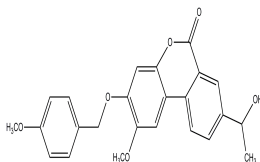


PRODUCT: P529**ALTERNATE NAME:** 3-(4-methoxybenzyloxy)-8-(1-hydroxyethyl)-2-methoxy-6H-benzo[c]chromen-6-one ; Palomid 529**CATALOG #:** 2462-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₄H₂₂O₆**MOLECULAR WEIGHT:** 406.43**CAS No.** 914913-88-5**APPEARANCE:** White to off-white solid**SOLUBILITY:** DMSO (~40 mg/ml)**PURITY:** >98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** A potent PI3K/Akt/mTOR inhibitor that inhibits the TORC1 and TORC2 complexes. Displays inhibition of both Akt signaling and mTOR signaling similarly in tumor and vasculature. P529 inhibits tumor growth, angiogenesis and vascular permeability.**REFERENCES:** Lin, F., *et al.* (2013). *Int. J. Cancer*. **133**, 1222-1233; Xue, Q., *et al.* (2008). *Cancer Res*. **68**, 9551-9557.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

BEZ235 (NVP-BEZ235) (Cat. No. 1626-5, 25)
BI-D1870 (Cat. No. 1824-1, 5)
Deforolimus (Cat. No. 1587-5, 25)
DiscoveryPak™ PI 3-Kinase Inhibitor Panel (Cat. No. K856-5)
Everolimus (Cat. No. 1917-5, 25)
GDC-0941 (Cat. No. 1623-1,5)
GSK-2126458 (Cat. No. 1961-1, 5)
IC87114 (Cat. No. 1661-1)
LY 294002 (Cat. No. 1667-5, 25)
OSI-027 (Cat. No. 2372-5, 25)
mTOR Inhibitor, Ku-0063794 (Cat. No. 1779-1,5)
mTOR Inhibitor, WYE-28 (Cat. No. 2255-500, 1000)
mTOR Inhibitor, WYE-132 (Cat. No. 2256-500, 1000)
mTOR Inhibitor, WYE-23 (Cat. No. 2257-500, 1000)
PI-103 (Cat. No. 1728-1,5)
PI3-K γ Inhibitor, AS-605240 (Cat. No. 1780-1,5)
PathwayReady™ PI3-K/Akt/mTOR Signaling Inhibitor panel (Cat. No. K857-11)
PP242 (Cat. No. 1658-1)
PX-866 (Cat. No. 1965-1,5)
Rapamycin (Cat. No. 1568-5, 50)
EZSolution™ Rapamycin (Cat. No. 1746-5)
Temsirrolimus (Cat. No. 1600-5, 25)
TGX-115 (Cat. No. 1660-1)
TGX-221 (Cat. No. 1781-1,5)
Torin 1 (Cat. No. 2273-5, 25)
Torin 2 (Cat. No. 2274-5, 25)
EZSolution™ Torin 1 (Cat. No. 2353-5)
EZSolution™ Torin 2 (Cat. No. 2354-5)
Wortmannin (Cat. No. 1670)

FOR RESEARCH USE ONLY! Not to be used in humans.