

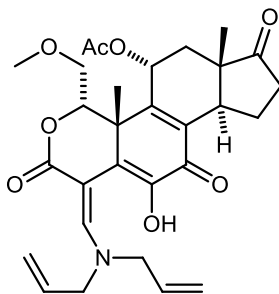


**Catalog # 10-1315**

**PX-866**

CAS# 502632-66-8

Lot # X104093



Inhibits PI-3 Kinase with selectivity for p110 $\alpha$  (IC<sub>50</sub>=0.1 nM). Counteracts hypoxia related down regulation of E7 expression in HPV-positive cancer cells.<sup>2</sup> Displays antitumor activity. Irreversible. Cell permeable.

- 1) Ihle *et al.* (2004), *Molecular pharmacology and antitumor activity of PK-866, a novel inhibitor of phosphoinositide-3-kinase signaling*; Mol. Cancer Ther., **3** 763
- 2) Bossler *et al.* (2019), *Repression of Human Papilloma Virus Oncogene Expression Under Hypoxia is Mediated by PI3K/mTORC2/AKT Signaling*; mBio, **10** e02323

**PHYSICAL DATA**

Molecular Weight:	525.60
Molecular Formula:	C <sub>29</sub> H <sub>35</sub> NO <sub>8</sub>
Purity:	98% by TLC
	NMR: (Conforms)
Solubility:	DMSO (up to 25 mg/ml)
Physical Description:	Orange solid
Storage and Stability:	Store as supplied desiccated at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 2 months.

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