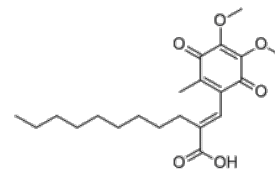


**Product Name** : APX3330  
**Cat. No.** : PC-60634  
**CAS No.** : 136164-66-4  
**Molecular Formula** : C<sub>21</sub>H<sub>30</sub>O<sub>6</sub>  
**Molecular Weight** : 378.46  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

APX3330 (E 3330) is a specific small-molecule inhibitor of **Apurinic/apyrimidinic endonuclease 1 (APE1)** redox function (IC<sub>50</sub>=50 uM), but not APE1 DNA repair activity.

APX3330 (E 3330) inhibits not only the growth but also the migratory abilities of pancreatic cancer cells in vitro, dramatically inhibits nuclear HIF-1 $\alpha$  protein DNA-binding activity in PANC1 cells at >20 uM.

APX3330 (E 3330) affects cytokine-mediated hemangioblast development in vitro.

## References

Zou GM, et al. *Mol Cancer Ther.* 2008 Jul;7(7):2012-21.

Nyland RL, et al. *J Med Chem.* 2010 Feb 11;53(3):1200-10.

Curtis CD, et al. *Mol Endocrinol.* 2009 Sep;23(9):1346-59.

Zou GM, et al. *Blood.* 2007 Mar 1;109(5):1917-22.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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