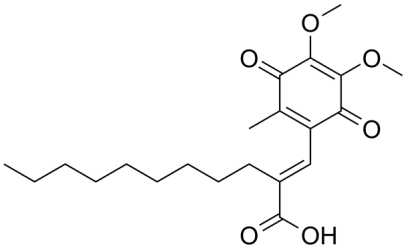
Data Sheet

Product Information

Catalog Number	BP13194
Product Name	E3330
Description	E3330 is a potent and selective APE1(Ref-1) inhibitor, which suppressed NF-kappa B DNA-binding activity.
In vitro	E3330 affects hemangioblast development in vitro via inhibition of Ape1 redox activity. E3330 inhibits the growth of human pancreatic cancer cell line PANC1, XPA1, MIAPACA, BxPC3, and PK9. E3330 also promotes exit of cell cycle in PANC1 cells, inhibits the DNA-Binding activity of HIF-1α and migration of pancreatic cancer cells. In JHH6 cells, E3330 prevents the functional activation of NF-κB via the alteration of APE1 subcellular trafficking and reduces IL-6 and IL-8 expression induced by TNF-α and FAs accumulation through blockage of the redox-mediated activation of NF-κB.
In vivo	In mice with endotoxin-mediated hepatitis, E3330 (300 mg/kg, p.o.) attenuates the elevation of plasma tumor necrosis factor activity and protectes mice from liver injury. In Rat model, E3330 (100 mg/kg, p.o.) also protectes rats from severe liver injury induced with endotoxin plus galactosamine.
CAS No.	136164-66-4
Chemical Formula	C21H30O6
Molecular Weight	378.465
Solubility	DMSO: 70 mg/mL (185 mM) H2O: <1 mg/mL; Ethanol: 70 mg/mL (185 mM)
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year

Chemical Structure OR Tested Image	

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