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Product Datasheet

E3330, CAS [[136164-66-4]] FBM-10-4000

Artikelname	E3330, CAS [[136164-66-4]]
Artikelnummer	FBM-10-4000
Hersteller Artikelnummer	10-4000
Alternativnummer	FBM-10-4000-5MG,FBM-10-4000-25MG
Hersteller	Focus Biomolecules
Kategorie	Biochemikalien
Produktbeschreibung	APE1 inhibitor/ferroptosis inducer...
Molekulargewicht	378.47
Reinheit	>98% by HPLC, NMR (Conforms)
Formulierung	Orange solid
CAS Nummer	[136164-66-4]
Formel	C ₂₁ H ₃₀ O ₆
Anwendungsbeschreibung	E3330 is a hepatoprotective benzoquinone that inhibits TNF-alpha release via decreasing NFkB activation. ^{1,2} It also is an inhibitor of AP endonuclease 1 (APE1) redox function. ³ E3330 acts synergistically with cisplatin to increase cytotoxicity and impair cell migration and invasion in non-small cell lung cancer. ⁴ Inhibition of APE1 with E3330 induces ferroptosis via impairment of AKT phosphorylation ultimately leading to Nrf2 degradation. ⁵ It sensitizes osteosarcoma cells to ionizing radiation via ferroptosis induction. ⁶