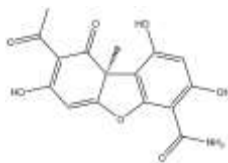


**PRODUCT: Cercosporamide****ALTERNATE NAME:** (9a*S*)-8-Acetyl-9,9a-dihydro-1,3,7-trihydroxy-9a-methyl-9-oxo-4-dibenzofuranboxamide**CATALOG #:** 9662-100, 500**AMOUNT:** 100 µg, 500 µg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>16</sub>H<sub>13</sub>NO<sub>7</sub>**MOLECULAR WEIGHT:** 331.28**CAS#:** 131436-22-1**APPEARANCE:** Yellow lyophilized solid**SOLUBILITY:** DMSO (~3 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20°C. Protect from air and light**DESCRIPTION:** Cercosporamide is a potent inhibitor of MAP-kinase interacting kinases (Mnk1 and Mnk2), and JAK3 (IC<sub>50</sub> values are 115, 11, and 31 nM for Mnk1, Mnk2 and JAK3, respectively). Also inhibits Pkc1. Blocks eIF4E phosphorylation; exhibits antiproliferative and proapoptotic activity in cancer cells *in vitro*.**REFERENCE:** Sussman, A., *et al.* (2004). *Eukaryot Cell* **3**, 932-943.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Alsterpallone (Cat. No. 1897-1,5)  
 AZD-6244 (Cat. No. 2234-5, 25)  
 BIX01289 (Cat. No. 2670-1,5)  
 CGP-57380 (Cat. No. 9661-1,5)  
 Butyrolactone I (Cat. No. 1690-200)  
 Doramapimod (Cat. No. 1954-5, 25)  
 Flavopiridol (Cat. No. 2090-1, 5)  
 10Z-Hymenialdisine (Cat. No. 2212-250, 1000)  
 Kenpallone (Cat. No. 1904-1)  
 MEK-162 (Cat. No. 2254-5, 25)  
 PD1834352 (CI-1040) (Cat. No. 1585-1,5,25)  
 EZSolution™ PD184352 (Cat. No. 1871-1)  
 PD325901 (Cat. No. 1643-2, 5, 25)  
 PD98059 (Cat. No. 1666-5)  
 EZSolution™ PD98059 (Cat. No. 1783-5)  
 RO-3306 (Cat. No. 2039-1,5)  
 Roscovitine (Cat. No. 1950-1,5)  
 SB 203580 (Cat. No. 1712-1, 5)  
 EZSolution™ SB203580 (1786-1)  
 SB202190 (Cat. No. 2493-5, 25)  
 Sorafenib (Cat. No. 1594-25, 100)  
 TAK733 (Cat. No. 2460-5, 25)  
 TG003 (Cat. No. 1905-5, 25)  
 7, 3', 4'-Trihydroxyisoflavone (1886-25, 100)  
 U0126 (Cat. No. 1668-5)  
 VX-702 (Cat. No. 1598-1,5)  
 VX-745 (Cat. No. 2812-5, 25)

**USAGE:****FOR RESEARCH USE ONLY! Not to be used in humans!**