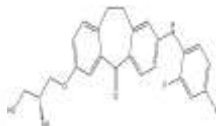


**PRODUCT: Skepinone-L****ALTERNATE NAME:** 2-[(2,4-difluorophenyl)amino]-7-[(2R)-2,3-dihydroxypropoxy]-10,11-dihydro-5H-dibenzo[a,d]cyclohepten-5-one**CATALOG #:** B1110-1, 5**AMOUNT:** 1 mg, 5 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>24</sub>H<sub>21</sub>F<sub>2</sub>NO<sub>4</sub>**MOLECULAR WEIGHT:** 425.4**CAS NUMBER:** 1221485-83-1**APPEARANCE:** Yellow solid**SOLUBILITY:** DMSO (~15 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20°C. Protect from air and light.

**DESCRIPTION:** Skepinone-L is a potent, ATP-competitive inhibitor of p38 MAPK isoform p38α (IC<sub>50</sub> = 5 nM) and p38β (97% inhibition at 1 μM). It has little effect on a range of other kinases, including p38γ and p38δ. Skepinone-L dose-dependently blocks the phosphorylation of heat shock protein 27 (HSP27), a p38 MAPK substrate, in response to stimulation with anisomycin (Cat. No. 1549) in HeLa cells (IC<sub>50</sub> = 25 nM) or TNF-α in THP-1 cells.

**REFERENCES:** Koeberle, S.C., *et al.* (2012). *Nat. Chem. Biol.* **8**, 141-143.**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)  
 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™ PD1834352 (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 CH USE ONLY! Not to be used in humans*