

**JNK Inhibitor II - CAS 129-56-6 - Calbiochem JNK Inhibitor II. SP600125, CAS 129-56-6, is a potent, cell-permeable, selective, and ATP competitive inhibitor of c-Jun N-terminal kinase (JNK, IC<sub>50</sub> = 40 nM for JNK-1 & JNK-2 & 90 nM for JNK-3).**

Art. ID SAF-420119-50MG  
Unit 1 x 50 mg  
Deliverydetails No Dangerous Good /not restricted

**Description**

A potent, cell-permeable, selective, and reversible inhibitor of c-Jun N-terminal kinase (JNK) (IC<sub>50</sub> = 40 nM for JNK-1 and JNK-2 and 90 nM for JNK-3). The inhibition is competitive with respect to ATP. Exhibits over 300-fold greater selectivity for JNK as compared to ERK1 and p38-2 MAP kinases. Inhibits the phosphorylation of c-Jun and blocks cellular expression of IL-2, IFN-gamma, TNF-alpha, and COX-2. Blocks IL-1-induced accumulation of phospho-Jun and induction of c-Jun transcription. A 50 mM (5 mg/454 µl) solution of JNK Inhibitor II (Cat. No. 420128) in DMSO is also available. A potent, cell-permeable, selective, and reversible inhibitor of c-Jun N-terminal kinase (JNK) (IC<sub>50</sub> = 40 nM for JNK-1 and JNK-2 and 90 nM for JNK-3). The inhibition is competitive with respect to ATP. Exhibits over 300-fold greater selectivity for JNK as compared to ERK1 and p38-2 MAP kinases. Inhibits the phosphorylation of c-Jun and blocks the expression of IL-2, IFN-gamma, TNF-alpha, and COX-2 in cells. Blocks IL-1-induced accumulation of phospho-Jun and induction of c-Jun transcription.

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	SP600125	[129-56-6]				