

## IKK inhibitor

Chemical Name	17-Acetoxyjolkinolide B
Form	White small flake powder solid
Order Number	NT002
Size	1 mg
Price	\$100
Primary Target	IKK
Primary Target IC <sub>50</sub>	< 1 μM
Molar mass	388
Protect from Light	Yes
Packaged under inert gas	Yes
Purity	>98% by HPLC
Solubility	DMSO
Chemical formula	C <sub>22</sub> H <sub>28</sub> O <sub>6</sub>
CAS number	
<b>Store and ship information</b>	
Storage	-20°C
Ship	Ambient Temperature Only Standard Handling
Description	The naturally isolated active ingredient of the herbal medicine, <i>Euphorbia fischeriana</i> Steud., that acts as a cell permeable, selective and irreversible inhibitor of IKK kinase activity (IC <sub>50</sub> < 1 μM). Inhibits NF-κB-mediated gene transcription in cells by blocking the phosphorylation and degradation of IκBα.
References	S. S. Yan, et al. (2008) 17-Acetoxyjolkinolide B irreversibly inhibits IκB kinase and induces apoptosis of tumor cells. <i>Mol Cancer Ther.</i> 7(6):1523-32.

