

IKK inhibitor

Chemical Name	Wedelolactone
Order Number	NT003
Size	1 mg
Price	\$90
Form	Yellowish green solid
Primary Target	IKK
Primary Target IC ₅₀	< 10 μM
Molar mass	314.3
Protect from Light	Yes
Packaged under inert gas	Yes
Cell permeable	Yes
Purity	≥95% by HPLC
Solubility	DMSO or MeOH
Chemical formula	C ₁₆ H ₁₀ O ₇
CAS number	524-12-9
Store and ship information	
Storage	+2°C to +8°C
Ship	Ambient Temperature Only Standard Handling
Description	The naturally isolated active ingredient of the herbal medicine, <i>Eclipta alba</i> , that acts as a cell permeable, selective and irreversible inhibitor of IKK α and β kinase activity (IC ₅₀ < 10 μM). Inhibits NF- κ B-mediated gene transcription in cells by blocking the phosphorylation and degradation of I κ B α .
References	Kobori M, et al. (2004) Wedelolactone suppresses LPS-induced caspase-11 expression by directly inhibiting the IKK complex. <i>Cell Death Differ.</i> 11(1):123-30.

