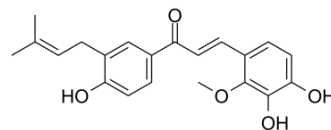


## Licochalcone D

Cat. No.:	HY-N4187
CAS No.:	144506-15-0
Molecular Formula:	C <sub>21</sub> H <sub>22</sub> O <sub>5</sub>
Molecular Weight:	354.4
Target:	NF-κB
Pathway:	NF-κB
Storage:	4°C, protect from light
	* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### BIOLOGICAL ACTIVITY

Description	Licochalcone D, a flavonoid compound mainly existing in the root of <i>Glycyrrhiza inflata</i> , is a potent inhibitor of <b>NF-kappaB (NF-κB) p65</b> . Licochalcone D possesses antioxidant, anti-inflammatory, anti-cancer properties <sup>[1][2]</sup> .
IC <sub>50</sub> & Target	p65

### REFERENCES

- [1]. Furusawa J, et al. *Glycyrrhiza inflata*-derived chalcones, Licochalcone A, Licochalcone B and Licochalcone D, inhibit phosphorylation of NF-kappaB p65 in LPS signaling pathway. *Int Immunopharmacol.* 2009 Apr;9(4):499-507.
- [2]. Si L, et al. Licochalcone D induces apoptosis and inhibits migration and invasion in human melanoma A375 cells. *Oncol Rep.* 2018 May;39(5):2160-2170.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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