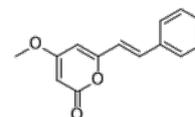


**Product Name** : Desmethoxyyangonin  
**Cat. No.** : PC-26073  
**CAS No.** : 15345-89-8  
**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>  
**Molecular Weight** : 228.25  
**Target** : Monoamine Oxidase (MAO)  
**Solubility** : 10 mM in DMSO



### Biological Activity

Desmethoxyyangonin is one of the six major kavalactones found in the *Piper methysticum* (kava) plant, is a selective inhibitor of monoamine oxidase-B (MAO-B) with IC<sub>50</sub> of 0.123  $\mu$ M, also demonstrates CB<sub>2</sub> agonist activity, exerts anti-inflammatory effects by inhibiting Jak2/STAT3 and IKK signaling pathways.

### References

Chaurasiya ND, et al. Evid Based Complement Alternat Med. 2017;2017:4018724.

Chou TW, et al. PLoS One. 2013 Oct 15;8(10):e77626.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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