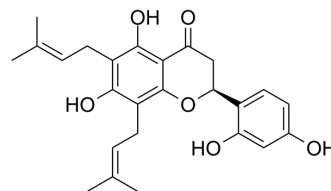


## Kushenol E

Cat. No.:	HY-N2463
CAS No.:	99119-72-9
Molecular Formula:	C <sub>25</sub> H <sub>28</sub> O <sub>6</sub>
Molecular Weight:	424.49
Target:	Indoleamine 2,3-Dioxygenase (IDO)
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



### BIOLOGICAL ACTIVITY

#### Description

Kushenol E is a class of flavonoids isolated from *Sophora flavescens* and is a non-competitive indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor with an IC<sub>50</sub> of 7.7 μM and a K<sub>i</sub> of 9.5 μM, has anti-tumor activity<sup>[1]</sup>.

### REFERENCES

[1]. Kwon M, et al. Inhibitory effects of flavonoids isolated from *Sophora flavescens* on indoleamine 2,3-dioxygenase 1 activity. *J Enzyme Inhib Med Chem*. 2019 Dec;34(1):1481-1488.

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

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