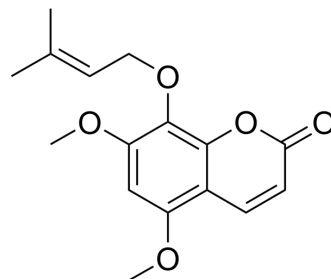


## Artanin

Cat. No.:	HY-N2898
CAS No.:	96917-26-9
Molecular Formula:	C <sub>16</sub> H <sub>18</sub> O <sub>5</sub>
Molecular Weight:	290.31
Target:	Cholinesterase (ChE)
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Artanin is a coumarin, has biological activities related to Alzheimer's disease. Artanin exerts function including AChE inhibitory and AChE- and self-induced amyloid beta (Aβ) aggregation inhibitory activities, with IC <sub>50</sub> s of 51 μM, 98 μM, and 124 μM, respectively <sup>[1]</sup> .
IC <sub>50</sub> & Target	AChE 51 μM (IC <sub>50</sub> )

### REFERENCES

[1]. Takomthong P, et al. Structure-Activity Analysis and Molecular Docking Studies of Coumarins from *Toddalia asiatica* as Multifunctional Agents for Alzheimer's Disease. *Biomedicines*. 2020 May 2;8(5):107.

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

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