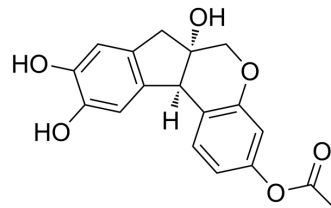


## Brazilin-7-acetate

Cat. No.:	HY-157225
Molecular Formula:	C <sub>18</sub> H <sub>16</sub> O <sub>6</sub>
Molecular Weight:	328.32
Target:	α-synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Brazilin-7-acetate (B-7-A) is an inhibitor of α-synuclein (α-Syn) aggregates. Brazilin-7-acetate inhibits the formation of α-synuclein fibril, mitigates cytotoxicity, and decreases oxidative stress. Brazilin-7-acetate can be used in the research of Parkinson's disease<sup>[1]</sup>.

### REFERENCES

[1]. Zhan Cui, et al. Brazilin-7-acetate, a novel potential drug of Parkinson's disease, hinders the formation of α-synuclein fibril, mitigates cytotoxicity, and decreases oxidative stress. *European Journal of Medicinal Chemistry*. 2023.

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

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