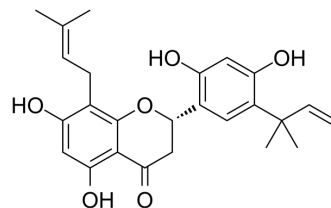


AChE-IN-17

| | |
|--------------------|---|
| Cat. No.: | HY-N10384 |
| CAS No.: | 460345-17-9 |
| Molecular Formula: | C ₂₅ H ₂₈ O ₆ |
| Molecular Weight: | 424.49 |
| Target: | Cholinesterase (ChE) |
| Pathway: | Neuronal Signaling |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|---|
| Description | AChE-IN-17 (compound 1) is a potent AChE inhibitor with an IC ₅₀ value of 28.98 μM. AChE-IN-17 can significantly prevent H ₂ O ₂ -induced PC12 cell death, exhibiting excellent neuroprotective effect. AChE-IN-17 can be used for researching neurodegenerative diseases (NDs) ^[1] . |
| IC ₅₀ & Target | AChE |

REFERENCES

[1]. Santi MD, et al. Neuroprotective effects of prenylated flavanones isolated from Dalea species, in vitro and in silico studies. Eur J Med Chem. 2020;206:112718.

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

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