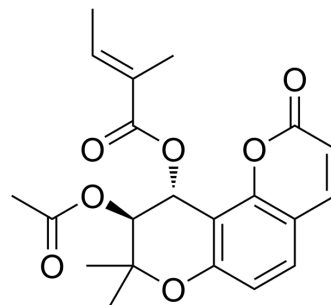


Peucedanocoumarin III

Cat. No.:	HY-122958
CAS No.:	130464-57-2
Molecular Formula:	C ₂₁ H ₂₂ O ₇
Molecular Weight:	386.4
Target:	α-synuclein
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Peucedanocoumarin III is an inhibitor of (alpha)-synuclein and Huntington protein aggregates that enhances the clearance of nuclear and cytoplasmic β23 aggregates and prevents cytotoxicity induced by disease-associated proteins (i.e., mutant Huntington proteins and α-synuclein). Peucedanocoumarin III may be used in Parkinson's disease research^[1].

REFERENCES

[1]. Sangwoo Ham, et al. Cell-Based Screen Using Amyloid Mimic β23 Expression Identifies Peucedanocoumarin III as a Novel Inhibitor of α-Synuclein and Huntingtin Aggregates. *Mol Cells*. 2019 Jun 30;42(6):480-494.

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

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