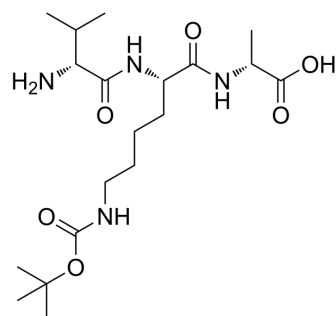


SIRT1 activator 1

| | |
|--------------------|---|
| Cat. No.: | HY-N12386 |
| Molecular Formula: | C ₁₉ H ₃₆ N ₄ O ₆ |
| Molecular Weight: | 416.51 |
| Target: | Sirtuin |
| Pathway: | Cell Cycle/DNA Damage; Epigenetics |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

SIRT1 activator 1 (compound 3) is a derivative of marine compound xyloallenoide A isolated from the mangrove fungus *Xylaria* sp. SIRT1 activator 1 shows angiogenic activities in zebrafish. SIRT1 activator 1 protects hEPC against AngII-induced senescence by increasing SIRT1 expression levels and balancing the AMPK/Akt signaling pathway^[1].

REFERENCES

[1]. Jing Yang, et al. Marine Compound Exerts Antiaging Effect in Human Endothelial Progenitor Cells via Increasing Sirtuin1 Expression. *ACS Pharmacol. Transl. Sci.* Publication Date: October 10, 2023

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA