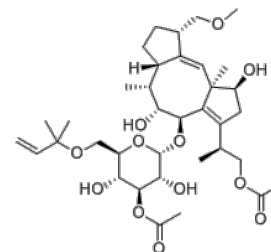


Product Name : Fusicoccin-A
Cat. No. : PC-61233
CAS No. : 20108-30-9
Molecular Formula : C₃₆H₅₆O₁₂
Molecular Weight : 680.82
Target : 14-3-3 Protein
Solubility : 10 mM in DMSO



Biological Activity

Fusicoccin-A is a small-molecule stabilizer of **14-3-3** protein-protein interactions that stabilizes the complex between 14-3-3 and the stress response regulator **GCN1**.

Fusicoccin-A induces GCN1 turnover and neurite outgrowth, stimulates axon growth in vitro and regeneration in vivo.

Fusicoccin-A stabilizes the interaction between 14-3-3 and CFTR by selectively interacting with a secondary binding motif of CFTR (pS753).

References

Kaplan A, et al. *Neuron*. 2017 Mar 8;93(5):1082-1093.e5.

Stevens LM, et al. *Proc Natl Acad Sci U S A*. 2016 Mar 1;113(9):E1152-61.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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