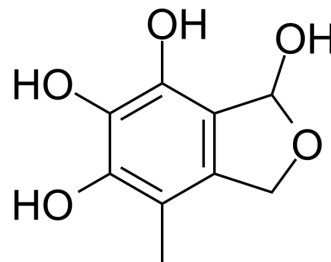


FR198248

Cat. No.:	HY-119728
CAS No.:	197316-54-4
Molecular Formula:	C ₉ H ₁₀ O ₅
Molecular Weight:	198.17
Target:	Influenza Virus
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FR198248 is an anti-influenza agent and peptide deformylase (PDF) inhibitor. FR198248 can be isolated from <i>Aspergillus flavipes</i> . FR198248 potently inhibits the PDF of <i>Staphylococcus aureus</i> with an IC ₅₀ of 3.6 μM. FR198248 can be used for antiviral and antibacterial research ^{[1][2]} .
IC ₅₀ & Target	Influenza Virus, PDF ^{[1][2]} .

REFERENCES

[1]. Nishihara Y, et al. FR198248, a new anti-influenza agent isolated from *Aspergillus terreus* No. 13830 I. Taxonomy, fermentation, isolation, physico-chemical properties and biological activities. *The journal of antibiotics*, 2001, 54(2): 136-143.

[2]. Kwon YJ, et al. Isolation and identification of FR198248, a hydroxylated 1,3-dihydroisobenzofuran, from *Aspergillus flavipes* as an inhibitor of peptide deformylase. *Biosci Biotechnol Biochem*. 2010;74(2):390-3.

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

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