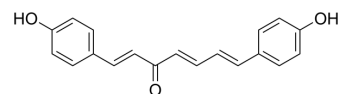


1,7-Bis(4-hydroxyphenyl)-1,4,6-heptatrien-3-one

Cat. No.:	HY-N11902
CAS No.:	149732-52-5
Molecular Formula:	C ₁₉ H ₁₆ O ₃
Molecular Weight:	292.33
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

1,7-Bis(4-hydroxyphenyl)-1,4,6-heptatrien-3-one is a potent nucleocapsid (N) protein inhibitor can be isolated from *Curcuma kwangsiensis*. 1,7-Bis(4-hydroxyphenyl)-1,4,6-heptatrien-3-one exhibits excellent antiviral activity against HCoV-OC43 and SARS-CoV-2, with EC₅₀ values of 0.16 μM and 0.17 μM, respectively^[1].

REFERENCES

[1]. Yang Liu, et al. 1,7-Bis(4-hydroxyphenyl)-1,4,6-heptatrien-3-one inhibits SARS-CoV-2 by targeting the nucleocapsid protein. *Acta Materia Medica*. 2023. Vol. 2(3):270-280.

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

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