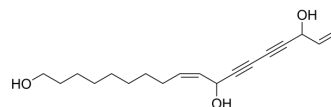


(9Z)-9,17-Octadecadiene-12,14-diyne-1,11,16-triol

Cat. No.:	HY-N2789
CAS No.:	211238-60-7
Molecular Formula:	C ₁₈ H ₂₆ O ₃
Molecular Weight:	290.4
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(9Z)-9,17-Octadecadiene-12,14-diyne-1,11,16-triol is a nature product that could be isolated from the ethyl acetate extract of *Cassonia barteri* (Araliaceae) leaves. (9Z)-9,17-Octadecadiene-12,14-diyne-1,11,16-triol has antibacterial activity against *Bacillus subtilis* and *Pseudomonas fluorescens*, antifungal activity against *Cladosporium cucumerinum*, molluscicidal activity against *Biomphalaria glabrata*^[1]. (9Z)-9,17-Octadecadiene-12,14-diyne-1,11,16-triol is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Papajewski S, et, al. Bioassay guided isolation of a new C18-polyacetylene, (+)-9(Z),17-octadecadiene-12,14-diyne-1,11,16-triol, from *Cassonia barteri*. *Planta Med.* 1998 Jun;64(5):479-81.

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