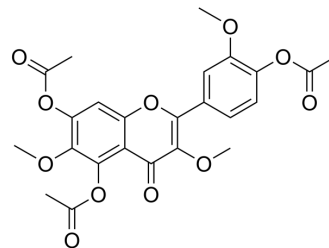


Jaceidin triacetate

Cat. No.:	HY-N3445
CAS No.:	14397-69-4
Molecular Formula:	C ₂₄ H ₂₂ O ₁₁
Molecular Weight:	486.42
Target:	SARS-CoV
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Jaceidin triacetate (compound 54) is a natural compound isolated from marulabark. Jaceidin triacetate can inhibit SARS-CoV-2 Mpro, with the IC ₅₀ of 11.9 μM. Jaceidin triacetate inhibits the replication of Sars-Cov-2 Viral in Vero-E6 cells ^{[1][2]} .
IC ₅₀ & Target	11.9 μM (SARS-CoV-2 Mpro) ^[2]

REFERENCES

- [1]. Cádiz-Gurrea ML, et al. Enhancing the Yield of Bioactive Compounds from Sclerocarya birrea Bark by Green Extraction Approaches. *Molecules*. 2019;24(5):966.
- [2]. Moua Yang, et al. Inhibition of Sars-Cov-2 Viral Replication and In Vivo Thrombus Formation By a Novel Plant Flavonoid. *Blood*. Volume 138, Supplement 1, 23 November 2021, Page 3144

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