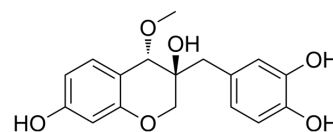


4-O-Methylepisappanol

| | |
|--------------------|---|
| Cat. No.: | HY-N10843 |
| CAS No.: | 112529-37-0 |
| Molecular Formula: | C ₁₇ H ₁₈ O ₆ |
| Molecular Weight: | 318.32 |
| Target: | Influenza Virus |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

4-O-Methylepisappanol (compound 9) is a natural product that could be isolated from the heartwood of *Caesalpinia sappan*. 4-O-Methylepisappanol is a potent neuraminidase inhibitor on the surface of influenza viruses with IC₅₀ values of 42.8, 63.2, and 63.2 μM for A/Chicken/Korea/MS96/96 [H9N2], A/PR/8/34 [H1N1], and A/Hong Kong/8/68 [H3N2], respectively^[1].

REFERENCES

[1]. Jeong HJ, et al. Homoisoflavonoids from *Caesalpinia sappan* displaying viral neuraminidase inhibition. *Biol Pharm Bull.* 2012;35(5):786-90.

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