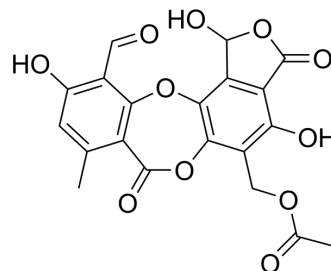


Galbinic acid

Cat. No.:	HY-N12096
CAS No.:	56691-88-4
Molecular Formula:	C ₂₀ H ₁₄ O ₁₁
Molecular Weight:	430.32
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Galbinic acid (α -Acetylsalazinic acid), a lichen acid, shows antibacterial activities against the Gram-positive bacteria *B. cereus*, *B. subtilis*, and *S. aureus* (MICs=62.5, 62.5, 250 μ g/ml, respectively). Galbinic acid inhibits the Gram-negative bacterium *E. coli* (MIC=125 μ g/ml)^{[1][2]}.

REFERENCES

[1]. Nasim Sultana, et al. A new depsidone and antibacterial activities of compounds from *Usnea undulata* Stirton. *J Asian Nat Prod Res.* 2011 Dec;13(12):1158-64.

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

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