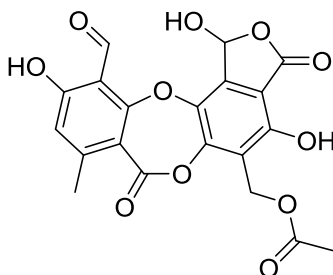


Galbinic acid

Code No.: **BIA-G1797**

Pack sizes: **1 mg, 5 mg**



Synonyms : α -Acetylsalazinic acid

Specifications

CAS #	: 56691-88-4
Molecular Formula	: C ₂₀ H ₁₄ O ₁₁
Molecular Weight	: 430.3
Source	: <i>Usnea undulata</i>
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Galbinic acid (α -acetylsalazinic acid) is a depsidone isolated from the lichen, *Usnea undulata*. The structure of galbinic acid was elucidated by Elix, Australian National University in 1975. Galbinic acid is moderately active against Gram-positive bacteria, however its bioactivity has not been extensively investigated.

References

1. Lichen substances. XLII. Constituents of some *Usnea* species, with special regard to compounds of the salazinic acid group. Asahina Y. & Tsukamoto T., *Berichte der Deutschen Chemischen Gesellschaft [Abteilung] B: Abhandlungen* 67B,1934, 963.
2. Structure of galbinic acid. Depsidone from the lichen *Usnea undulata*. Elix J.A. & Engkaninan U., *Aust. J. Chem.* 1975, 28, 1793
3. A new depsidone and antibacterial activities of compounds from *Usnea undulata* Stirton. Sultana N. & Afolayan A.J., *J. Asian Nat. Prod. Res.* 2011, 13, 1158.