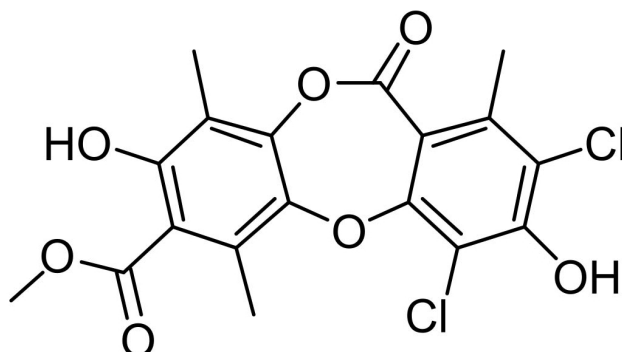


Leoidin

Code No.: BIA-L1903

Pack sizes.: 1mg, 5mg



Synonyms:

-

Specifications

CAS #	: 105350-54-7
Molecular Formula	: C18H14Cl2O7
Molecular Weight	: 413.21
Source	: -
Appearance	: White solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Leoidin is a metabolite of the lichen, *Lecanora gangleoides*, first published in 1986 and recently reported as an inhibitor of protein synthesis in *Pseudomonas aeruginosa*. Leoidin is bacteriostatic, targeting PheRS. Leoidin is identified in PubChem as a weak inhibitor of human HPGC (15-hydroxyprostaglandin dehydrogenase) and of sodium fluorescein uptake in OATP1B1- or OATP1B3-transfected CHO cells.

References

1. Phytochemical examination of the lichen, *Lecanora gangleoides* Nyl. Devlin J.P. et al., J.C.S. Perkin I 1986, 1491.
2. Discovery and analysis of natural-product compounds inhibiting protein synthesis in *Pseudomonas aeruginosa*. Hu Y. et al., Antimicrob. Agents Chemother. 2016, 60, 4820.