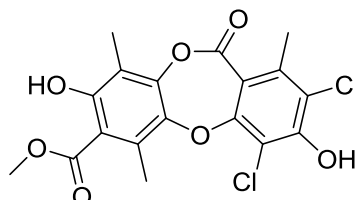


## Leoidin

Code No.: **BIA-L1903**

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



Synonyms :

## Specifications

CAS #	: 105350-54-7
Molecular Formula	: C <sub>18</sub> H <sub>14</sub> Cl <sub>2</sub> O <sub>7</sub>
Molecular Weight	: 413.2
Source	: <i>Lecanora</i> sp.
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 gangaleoides*, 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 gangaleoides* 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.