



Synonym(s): 2'-*O*-Methylperlatolic acid

CAS Registry Number: 38968-07-9

Molecular Formula: C₂₆H₃₄O₇

Molecular Weight: 458.55

Accurate Mass: 458.230455

Percentage Composition: C 68.10%; H 7.47%; O 24.42%

Biological Source: Isol. from *Pertusaria* and *Lecidea* spp.

Physical Description: Needles (MeOH aq.)

Melting Point: Mp 126-127°

>>Derivative: Tri-Me ether

Synonym(s): Planaic acid

CAS Registry Number: 5366-07-4

Molecular Formula: C₂₇H₃₆O₇

Molecular Weight: 472.577

Accurate Mass: 472.246105

Percentage Composition: C 68.62%; H 7.68%; O 23.70%

Biological Source: Isol. from *Lecidea plana* and *Lecidea lithophila*

Physical Description: Needles (MeOH)

Melting Point: Mp 110-111°

>>Derivative: 3-Chloro, 4-Me ether

Synonym(s): 3-Chloroperlatolic acid

CAS Registry Number: 120091-97-6

Molecular Formula: C₂₅H₃₁ClO₇

Molecular Weight: 478.968

Accurate Mass: 478.175832

Percentage Composition: C 62.69%; H 6.52%; Cl 7.40%; O 23.38%

Biological Source: Minor metab. of *Dimelaena* cf. *californica*

Physical Description: Cryst. (EtOAc/petrol)

Melting Point: Mp 128°

>>Derivative: 5-Chloro, 2'-Me ether

Synonym(s): 5-Chloro-2'-*O*-methylanZIAic acid

Molecular Formula: C₂₅H₃₁ClO₇

Molecular Weight: 478.968

Accurate Mass: 478.175832

Percentage Composition: C 62.69%; H 6.52%; Cl 7.40%; O 23.38%

Biological Source: Isol. from *Lecanora lividocinerea*

Physical Description: Needles (EtOAc/petrol)

Melting Point: Mp 142-143°

>>Derivative: 3,5-Dichloro, 2'-Me ether

Synonym(s): Sulphurellin. 3,5-Dichloro-2'-*O*-methylanZIAic acid

CAS Registry Number: 64185-14-4

Molecular Formula: C₂₅H₃₀Cl₂O₇

Molecular Weight: 513.413

Accurate Mass: 512.136859

Percentage Composition: C 58.49%; H 5.89%; Cl 13.81%; O 21.81%

Biological Source: Isol. from *Lecanora sulphurata*

Physical Description: Cryst. (Me₂CO/C₆H₆)

Melting Point: Mp 154-155 dec.°