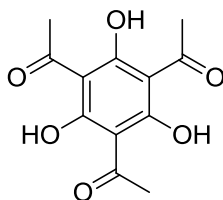


Triacetylphloroglucinol

Code No.: **BIA-T1390**

Pack sizes: **5 mg, 25 mg**



Synonyms :

Specifications

CAS #	: 2161-87-7
Molecular Formula	: C₁₂H₁₂O₆
Molecular Weight	: 252.2
Source	: <i>Pseudomonas fluorescens</i>
Appearance	: White solid
Purity	: >98% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO. Limited water solubility.

Application Notes

Triacetylphloroglucinol (TAPG) is the most hydrophobic of a small molecular weight phenolic metabolite belonging to the phloroglucinol (1,3,5 trihydroxybenzene) family, produced by bacteria including *Pseudomonas* strains. TAPG exhibits a broad range of biological activities, albeit with mostly low potency. In the search for novel actives, TAPG and related metabolites are important for dereplication to eliminate leads due to high amounts of weakly potent actives. Although weakly active, this family appears to be important in the biocontrol of plant diseases by some *Pseudomonas* strains.

References

1. C-acetylphloroglucinols from *Pseudomonas fluorescens*. Broadbent D. *Phytochemistry* 1976, 15, 1785.

Updated: 2 December 2014