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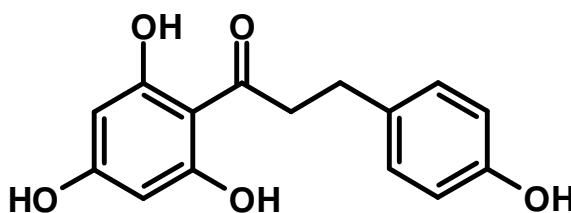
Product Specifications

Phloretin

CAS 60-82-2

Syn: 2',4',6'-trihydroxy-3-(p-hydroxyphenyl)propiophenone
 β -(p-Hydroxyphenyl)-2,4,6-trihydroxypropiophenone
2',4',6'-Trihydroxy-3-(p-hydroxyphenyl)propiophenone
3-(4-Hydroxyphenyl)-1-(2,4,6-trihydroxyphenyl)-1-propanone
Dihydronaringenin; Naringenin Dihydrochalcone; Phloretol

Structure:



Mol. Formula
Source

C₁₅H₁₄O₅
Vegetal; all-natural

Mol. Wt.

274.27

Specification

Appearance	Gray to light-pink microcryst. powder Odorless
Particle Size	98% through 80 mesh
Phloretin (hplc; dry base)	> 80 %; \geq 90%; \geq 98%
Solubility	Soluble in ethanol; insoluble in water
LOD	< 5.0 %
Ash (residue on ignition)	< 0.2 %
Heavy metals	< 10 ppm
As	< 2 ppm
Solvents residue	< 1000 ppm (Ethanol)
Pesticides residue	< 100 ppb
Microbiological Specifications	
Total Aerobic (CFU/g) (USP25)	< 1000
<i>E. Coli</i> (USP25)	Negative
<i>Salmonella</i> (USP25)	Negative
Mold and Yeast (CFU/g)	< 100

Storage: Maintain in cool, dry containment.

Wilshire Technologies

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