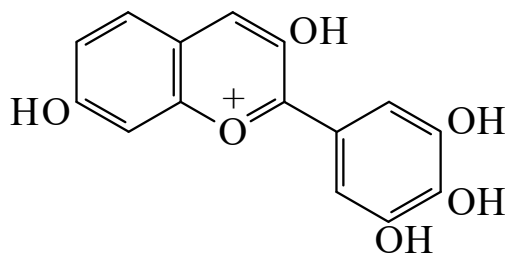




>>Entry Name: 3,3',4',5',7-Pentahydroxyflavylium(1+)

Synonym(s): 3,7-Dihydroxy-2-(3,4,5-trihydroxyphenyl)-1-benzopyrylium(1+), 9Cl. Robinetinidin



Molecular Formula: C₁₅H₁₁O₆⁽⁺⁾

Molecular Weight: 287.248

Accurate Mass: 287.055565

Percentage Composition: C 62.72%; H 3.86%; O 33.42%

Biological Source: Isol. from *Petunia hybrida* and *Acacia leucophloea*

>>Derivative: Chloride

CAS Registry Number: 3020-09-5

Molecular Formula: C₁₅H₁₁ClO₆

Molecular Weight: 322.701

Accurate Mass: 322.024417

Percentage Composition: C 55.83%; H 3.44%; Cl 10.99%; O 29.75%

Physical Description: Red cryst.

References:

Roux, D.G., *Nature (London)*, 1957, 179; 305, (*synth*)

Kho, K.F.F., *Phytochemistry*, 1978, **17**, 245, (*biosynth*)

Rao, S.S.R. *et al.*, *Indian. J. Plant Physiol.*, 1986, **29**, 278, (*isol*)