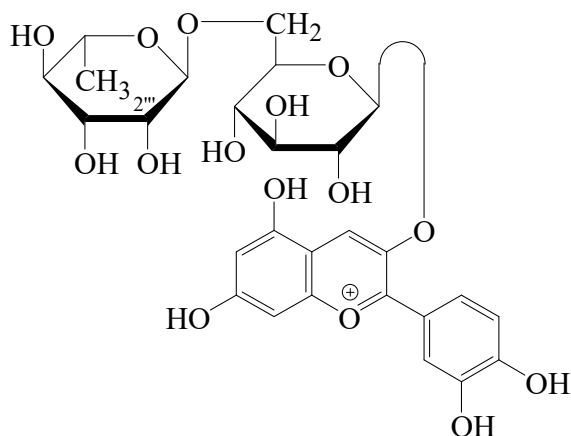




>>Entry Name: **Keracyanin**, 8Cl, INN

Synonym(s): 3-*O*-Rhamnoglucosyloxycyanidin. Ceracyanin. Sambucin. Antirrhinin. Cyanidin 3-rutinoside. Cyaninoside. Meralop. Noctilux. Nyctalux. Prunicyanin. Oleocyanin



CAS Registry Number: 18719-76-1

Molecular Formula: C₂₇H₃₁O₁₅⁽⁺⁾

Molecular Weight: 595.533

Accurate Mass: 595.1663

Percentage Composition: C 54.45%; H 5.25%; O 40.30%

Biological Source: Pigment present in fresh blossoms of *Canna generalis* and *Silene dioica*, as well as in *Prunus*, *Viola*, *Tulipa* and other plants

Biological Use/Importance: Improves vision in humans (for night blindness)

Physical Description: Fine red needles (dil. HCl) (as chloride)

Melting Point: Mp 175° (chloride)

Other Data: CAS no. refers to chloride

>>Derivative: 2''-Ac

Synonym(s): Cyanidin 3-(2-acetylrutinoside). 2''-*O*-Acetylkeracyanin

Molecular Formula: C₂₉H₃₃O₁₆⁽⁺⁾

Molecular Weight: 637.57

Accurate Mass: 637.176865

Percentage Composition: C 54.63%; H 5.22%; O 40.15%

Source/Synthesis: Constit. of the flowers of a *Tulipa* sp.

References:

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