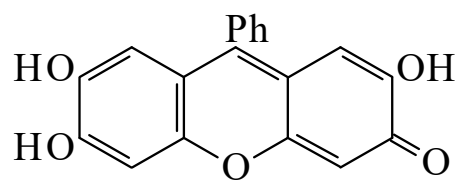




>>Entry Name: 2,6,7-Trihydroxy-9-phenyl-3H-xanthen-3-one, 8Cl

Synonym(s): 2,3,7-Trihydroxy-9-phenyl-6-fluorone. Phenylfluorone



CAS Registry Number: 975-17-7

Molecular Formula: C₁₉H₁₂O₅

Molecular Weight: 320.301

Accurate Mass: 320.068475

Percentage Composition: C 71.25%; H 3.78%; O 24.98%

Use/Importance: Used as 0.01% soln. in MeOH for photometric detn. of Mo, Ta, Ge ($\lambda_{\max}$ 510 nm, ϵ 53000), Sn ($\lambda_{\max}$ 510 nm, ϵ 77000), Sb, Zr, Fe, In, Ti, V, W

Physical Description: Orange powder

Melting Point: Mp 300°

Solubility: Sol. alkalis; sl. sol. EtOH, MeOH

Aldrich: P3680-0

Fluka: 78550

Sigma: P7644

References:

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