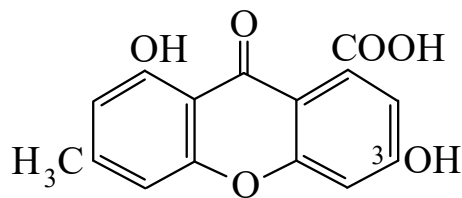




>>Entry Name: 3,8-Dihydroxy-6-methyl-9-oxo-9H-xanthene-1-carboxylic acid, 9Cl

Synonym(s): 3,8-Dihydroxy-6-methylxanthone-1-carboxylic acid. Calyxanthone



CAS Registry Number: 98973-45-6

Molecular Formula: C₁₅H₁₀O₆

Molecular Weight: 286.24

Accurate Mass: 286.04774

Percentage Composition: C 62.94%; H 3.52%; O 33.54%

Biological Source: Isol. from root bark of *Ventilago maderaspatana*

Physical Description: Pale yellow needles (MeOH)

Melting Point: Mp 265°

>>Derivative: Me ester

CAS Registry Number: 85003-85-6

Molecular Formula: C₁₆H₁₂O₆

Molecular Weight: 300.267

Accurate Mass: 300.06339

Percentage Composition: C 64.00%; H 4.03%; O 31.97%

Biological Source: Prod. by *Aspergillus wentii*

Physical Description: Pale-yellow needles (MeOH)

Melting Point: Mp 261-263°

>>Derivative: Me ester, 3-Me ether

Synonym(s): Methyl 8-hydroxy-3-methoxy-6-methyl-9-oxo-9H-xanthene-1-carboxylate

CAS Registry Number: 77282-74-7

Molecular Formula: C₁₇H₁₄O₆

Molecular Weight: 314.294

Accurate Mass: 314.07904

Percentage Composition: C 64.97%; H 4.49%; O 30.54%

Biological Source: Prod. by *Aspergillus wentii*

Physical Description: Pale-yellow needles (MeOH)

Melting Point: Mp 188-189°

References:

Hamasaki, T. *et al.*, *Agric. Biol. Chem.*, 1983, **47**, 163, (*isol*)

Hanumaiah, T. *et al.*, *Phytochemistry*, 1985, **24**, 1811, (*isol*, *uv*, *pmr*)