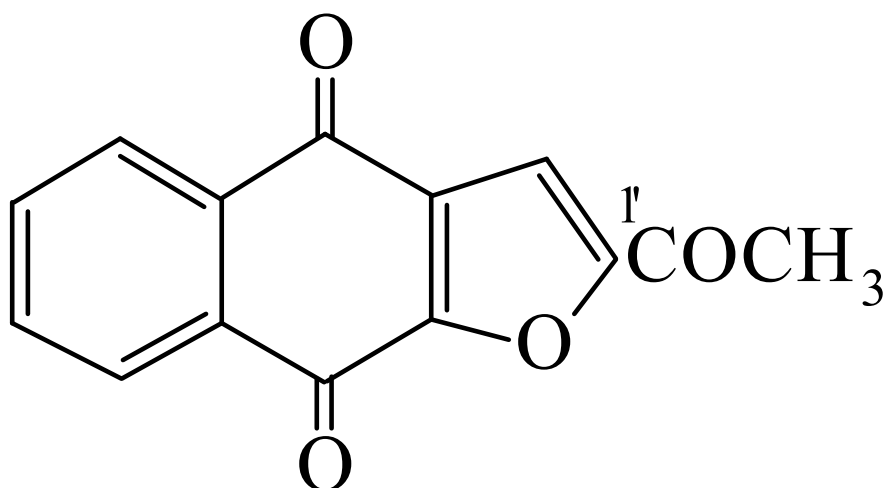




>>Entry Name: 2-Acetylnaphtho[2,3-*b*]furan-4,9-dione, 9Cl



CAS Registry Number: 83280-65-3

Related CAS Registry Numbers(s): 83889-95-6

Molecular Formula: C₁₄H₈O₄

Molecular Weight: 240.215

Accurate Mass: 240.04226

Percentage Composition: C 70.00%; H 3.36%; O 26.64%

Biological Source: Isol. from stem bark of *Tabebuia cassinoides*

Biological Use/Importance: Shows cytotoxic activity, antibacterial and antifungal properties

Physical Description: Orange needles (MeOH)

Melting Point: Mp 227-228° (224-225°)

>>Derivative: 1'-Alcohol

Synonym(s): 2-(1-Hydroxyethyl)naphtho[2,3-*b*]furan-4,9-dione, 9Cl

CAS Registry Number: 92487-49-5

Molecular Formula: C₁₄H₁₀O₄

Molecular Weight: 242.231

Accurate Mass: 242.05791

Percentage Composition: C 69.42%; H 4.16%; O 26.42%

Biological Source: Isol. from stem bark of *Tabebuia cassinoides* and heartwood of *Paratecoma peroba*

Physical Description: Yellow needles

Melting Point: Mp 140-142°

Solubility: BERDY SOL: Sol. CHCl₃, MeOH; poorly sol. hexane

UV: [neutral] λ_{max} 250 (); 340 () (EtOH) (Berdy)

Other Data: Racemic