



Physical Description: Powder (EtOH)

Melting Point: Mp 120-121°

>>**Derivative:** Dianhydride

Synonym(s): 3*a*,4,4*a*,7*a*,8,8*a*-Hexahydro-4,8-etheno-1*H*,3*H*-benzo[1,2-*c*:4,5-*c'*]difuran-1,3,5,7-tetrone

CAS Registry Number: 63527-57-1

Extra CAS Registry Numbers(s): 1719-83-1

Molecular Formula: C₁₂H₈O₆

Molecular Weight: 248.192

Accurate Mass: 248.03209

Percentage Composition: C 58.07%; H 3.25%; O 38.68%

Melting Point: Mp 374-382° (355°)

>>**Derivative:** Diimide

Synonym(s): 3*a*,4,4*a*,7*a*,8,8*a*-Hexahydro-4,8-ethenobenzo[1,2-*c*:4,5-*c'*]dipyrrole-1,3,5,7(2*H*,6*H*)-tetrone

CAS Registry Number: 121155-94-0

Molecular Formula: C₁₂H₁₀N₂O₄

Molecular Weight: 246.222

Accurate Mass: 246.064058

Percentage Composition: C 58.54%; H 4.09%; N 11.38%; O 25.99%

Other Data: Mp >300°

>>**Variant:** (2*α*,3*β*,5*β*,6*β*)-form

Synonym(s): 2-*endo*-3-*endo*-5-*endo*-6-*exo*-form

CAS Registry Number: 80924-68-1

Molecular Formula: C₁₂H₁₂O₈

Molecular Weight: 284.222

Accurate Mass: 284.05322

Percentage Composition: C 50.71%; H 4.26%; O 45.03%

Other Data: Racemate

>>**Derivative:** Tetra-Me ester

CAS Registry Number: 56782-33-3

Molecular Formula: C₁₆H₂₀O₈

Molecular Weight: 340.329

Accurate Mass: 340.11582

Percentage Composition: C 56.47%; H 5.92%; O 37.61%

Boiling Point: Bp₃ 215°

>>**Derivative:** 5,6-Anhydride, 2,3-di-Me ester

Molecular Formula: C₁₄H₁₄O₇

Molecular Weight: 294.26

Accurate Mass: 294.073955

Percentage Composition: C 57.14%; H 4.80%; O 38.06%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 115.5-116.3°

>>**Variant:** (2*α*,3*β*,5*α*,6*β*)-form

Synonym(s): 2-*endo*-3-*exo*-5-*endo*-6-*exo*-form

CAS Registry Number: 80924-69-2

Molecular Formula: C₁₂H₁₂O₈

Molecular Weight: 284.222

Accurate Mass: 284.05322

Percentage Composition: C 50.71%; H 4.26%; O 45.03%

Other Data: Racemate

>>**Derivative:** Tetra-Me ester

CAS Registry Number: 56782-35-5

Physical Description: Cryst. (MeOH/Et₂O)

Melting Point: Mp 62°

References: