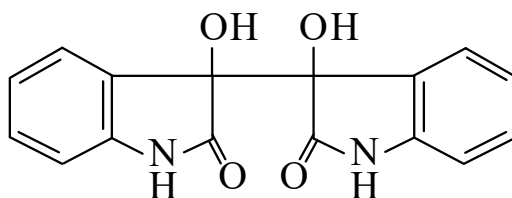




>>Entry Name: Isatide

Synonym(s): Isatin-3,3'-pinacol. 1,1',3,3'-Tetrahydro-3,3'-dihydroxy-[3,3'-bi-2*H*-indole]-2,2'-dione, 9Cl



CAS Registry Number: 464-73-3

Molecular Formula: C₁₆H₁₂N₂O₄

Molecular Weight: 296.282

Accurate Mass: 296.079708

Percentage Composition: C 64.86%; H 4.08%; N 9.45%; O 21.60%

Physical Description: Greyish cryst.

Melting Point: Mp 217 dec., 245°, 250°

>>Derivative: Tetra-Ac

Molecular Formula: C₂₄H₂₀N₂O₈

Molecular Weight: 464.431

Accurate Mass: 464.121968

Percentage Composition: C 62.07%; H 4.34%; N 6.03%; O 27.56%

Melting Point: Mp 223°

>>Derivative: Tetrabenzoyl

Molecular Formula: C₄₄H₂₈N₂O₈

Molecular Weight: 712.714

Accurate Mass: 712.184568

Percentage Composition: C 74.15%; H 3.96%; N 3.93%; O 17.96%

Melting Point: Mp 209°

>>Derivative: *N,N'*-Di-Me

CAS Registry Number: 43163-28-6

Molecular Formula: C₁₈H₁₆N₂O₄

Molecular Weight: 324.335

Accurate Mass: 324.111008

Percentage Composition: C 66.66%; H 4.97%; N 8.64%; O 19.73%

Melting Point: Mp 174°

>>Derivative: *N,N'*-Di-Me, *O,O'*-di-Ac

Molecular Formula: C₂₂H₂₀N₂O₆

Molecular Weight: 408.41

Accurate Mass: 408.132138

Percentage Composition: C 64.70%; H 4.94%; N 6.86%; O 23.50%

Melting Point: Mp 220°

>>Derivative: *N,N'*-Diphenyl

Synonym(s): *N,N'*-Diphenylisatole

Molecular Formula: C₂₈H₂₀N₂O₄

Molecular Weight: 448.477

Accurate Mass: 448.142308

Percentage Composition: C 74.99%; H 4.49%; N 6.25%; O 14.27%

Physical Description: Yellow cryst.

Melting Point: Mp 195°

>>Derivative: *N,N'*-Di-Ph, *O,O'*-di-Ac

Molecular Formula: C₃₂H₂₄N₂O₆

Molecular Weight: 532.551

Accurate Mass: 532.163438

Percentage Composition: C 72.17%; H 4.54%; N 5.26%; O 18.03%

Melting Point: Mp 221°