



CAS Registry Number: 6554-21-8

Molecular Formula: $C_{12}H_{15}N_5O_5$

Molecular Weight: 309.281

Accurate Mass: 309.10732

Percentage Composition: C 46.60%; H 4.89%; N 22.64%; O 25.87%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 180-181°

Other Data: $\lambda_{\max}$ 260 nm (ϵ 14 130) (95% EtOH aq.)

>>Derivative: 5'-Ac

CAS Registry Number: 2140-25-2

Molecular Formula: $C_{12}H_{15}N_5O_5$

Molecular Weight: 309.281

Accurate Mass: 309.10732

Percentage Composition: C 46.60%; H 4.89%; N 22.64%; O 25.87%

Melting Point: Mp 143°

>>Derivative: 3',5'-Di-Ac

CAS Registry Number: 6554-24-1

Molecular Formula: $C_{14}H_{17}N_5O_6$

Molecular Weight: 351.318

Accurate Mass: 351.117885

Percentage Composition: C 47.86%; H 4.88%; N 19.93%; O 27.32%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 175-176°

>>Derivative: 2',3',5'-Tri-Ac

CAS Registry Number: 7387-57-7

Molecular Formula: $C_{16}H_{19}N_5O_7$

Molecular Weight: 393.355

Accurate Mass: 393.12845

Percentage Composition: C 48.86%; H 4.87%; N 17.80%; O 28.47%

Physical Description: Cryst. (EtOH or toluene)

Melting Point: Mp 174°

Optical Rotation: $[\alpha]_D^{20}$ -27.9 (c, 2 in $CHCl_3$)