



Accurate Mass: 281.112405

Percentage Composition: C 46.97%; H 5.38%; N 24.90%; O 22.75%

Biological Source: Modified nucleoside present in tRNAs

Physical Description: Hygroscopic cryst. (EtOAc or MeOH)

Melting Point: Mp 135-140°. Mp 208 dec.° (double Mp.)

Optical Rotation: $[\alpha]_D^{26} -54$ (c, 0.63 in H₂O)

UV: [neutral] $\lambda_{\max}$ 265 (ϵ 16300) (H₂O)

>>Derivative: 6*N*,6*N*-Di-Me

>>Derivative: 6*N*-(3-Methyl-2-butenyl)

>>Derivative: 6*N*-Cyclohexyl, 2'-*O*-Me

Synonym(s): SDZ WAG 994

CAS Registry Number: 130714-47-5

Molecular Formula: C₁₇H₂₅N₅O₄

Molecular Weight: 363.416

Accurate Mass: 363.190655

Percentage Composition: C 56.19%; H 6.93%; N 19.27%; O 17.61%

Use/Importance: Selective adenosine A₁ receptor agonist

Melting Point: Mp 88-91°

>>Derivative: 6*N*-Benzyl

CAS Registry Number: 4294-16-0

Molecular Formula: C₁₇H₁₉N₅O₄

Molecular Weight: 357.368

Accurate Mass: 357.143705

Percentage Composition: C 57.14%; H 5.36%; N 19.60%; O 17.91%

Biological Source: Isol. from various plant spp.

Melting Point: Mp 184-186°

Aldrich: 85244-9

Fluka: 13155

Sigma: B2276