Accurate Mass: 371.159355
Percentage Composition: C 58.21%; H 5.70%; N 18.86%; O 17.23%
Biological Use/Importance: Coronary vasodilator
Development Status: Never marketed
Melting Point: Mp 157-158°
Calculated Log P Data: Log P –0.16 (calc)

>>**Derivative:** 2-Me
see 2-Methyladenosine, BWC35-E

>>**Derivative:** 2'-Me
see 2'-*O*-Methyladenosine, BWC45-H

>>**Derivative:** 6*N*-Cyclopentyl
Synonym(s): N^6-Cyclopentyladenosine. CPA

CAS Registry Number: 41552-82-3

Molecular Formula: $C_{15}H_{21}N_5O_4$
Molecular Weight: 335.362
Accurate Mass: 335.159355
Percentage Composition: C 53.72%; H 6.31%; N 20.88%; O 19.08%
Biological Use/Importance: Adenosine A_1 receptor agonist. Platelet aggregation inhibitor
Physical Description: Cryst. (H_2O)
Melting Point: Mp 77-81°. Mp 105-107°

>>**Derivative:** 6*N*-Cyclohexyl

CAS Registry Number: 36396-99-3

Molecular Formula: $C_{16}H_{23}N_5O_4$
Molecular Weight: 349.389
Accurate Mass: 349.175005
Percentage Composition: C 55.00%; H 6.63%; N 20.04%; O 18.32%
Biological Use/Importance: Adenosine A1 receptor agonist. Platelet aggregation inhibitor
Physical Description: Cryst. (EtOH/EtOAc)
Melting Point: Mp 100°

>>**Derivative:** 6*N*-(1-Methyl-2-phenylethyl)
see *N*-(1-Methyl-2-phenylethyl)adenosine, FOQ21-D

>>**Derivative:** 1'-Epimer
Synonym(s): 9-α-D-Ribofuranosyladenine. α-Adenosine

CAS Registry Number: 5682-25-7

Molecular Formula: $C_{10}H_{13}N_5O_4$
Molecular Weight: 267.244
Accurate Mass: 267.096755
Percentage Composition: C 44.94%; H 4.90%; N 26.21%; O 23.95%
Melting Point: Mp 205-207°
Optical Rotation: $[\alpha]_D^{20}$+28 (c, 0.65 in H_2O)

References: