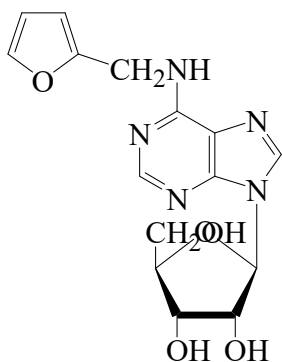




>>Entry Name: *N*-(2-Furanylmethyl)adenosine, 9Cl

Synonym(s): *N*-Furfuryladosine, 8Cl. 6-Furylaminopurine



CAS Registry Number: 4338-47-0

Molecular Formula: C₁₅H₁₇N₅O₅

Molecular Weight: 347.33

Accurate Mass: 347.12297

Percentage Composition: C 51.87%; H 4.93%; N 20.16%; O 23.03%

Use/Importance: Plant growth stimulant

Melting Point: Mp 152-154°

Optical Rotation: $[\alpha]_{\text{D}}^{22} -61.8$ (c, 1 in EtOH)

References:

Hampton, A. *et al.*, *J.A.C.S.*, 1956, **78**, 5695, (*synth, uv, biochem*)

Conrad, K., *Biochem. Biophys. Pflanz.*, 1971, **162**, 327-333, (*biochem*)

Sattsangi, P.D. *et al.*, *J.A.C.S.*, 1980, **102**, 770-774, (*synth*)

van Staden, J. *et al.*, *Plant Growth Regul.*, 1991, **10**, 109-115, (*biochem*)

Nicander, B. *et al.*, *Planta*, 1993, **189**, 312-320, (*hplc*)