



>>Derivative: *O,S*-Di-Me

Synonym(s): 6-Methoxy-2-(methylthio)-4-pyrimidinamine, 9Cl. 4-Amino-6-methoxy-2-(methylthio)pyrimidine

CAS Registry Number: 3289-53-0

Molecular Formula: $C_6H_9N_3OS$

Molecular Weight: 171.223

Accurate Mass: 171.046632

Percentage Composition: C 42.09%; H 5.30%; N 24.54%; O 9.34%; S 18.73%

Melting Point: Mp 172° (as nitrate)

>>Derivative: *O,S*-Di-Me, *N*⁶-Ac

CAS Registry Number: 98594-55-9

Molecular Formula: $C_8H_{11}N_3O_2S$

Molecular Weight: 213.26

Accurate Mass: 213.057197

Percentage Composition: C 45.06%; H 5.20%; N 19.70%; O 15.00%; S 15.04%

Physical Description: Cryst. (EtOH)

Melting Point: Mp 162°

References:

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Lacher, J.R. *et al.*, *J. Phys. Chem.*, 1955, **59**, 615, (*ir*)
Taylor, E.C. *et al.*, *J.O.C.*, 1960, **25**, 148, (*synth*)
Koppel, H.C. *et al.*, *J.O.C.*, 1961, **26**, 792, (*synth*)
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Southon, I.W. *et al.*, *Chem. Ber.*, 1978, **111**, 971; 1006, (*derivs*)
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