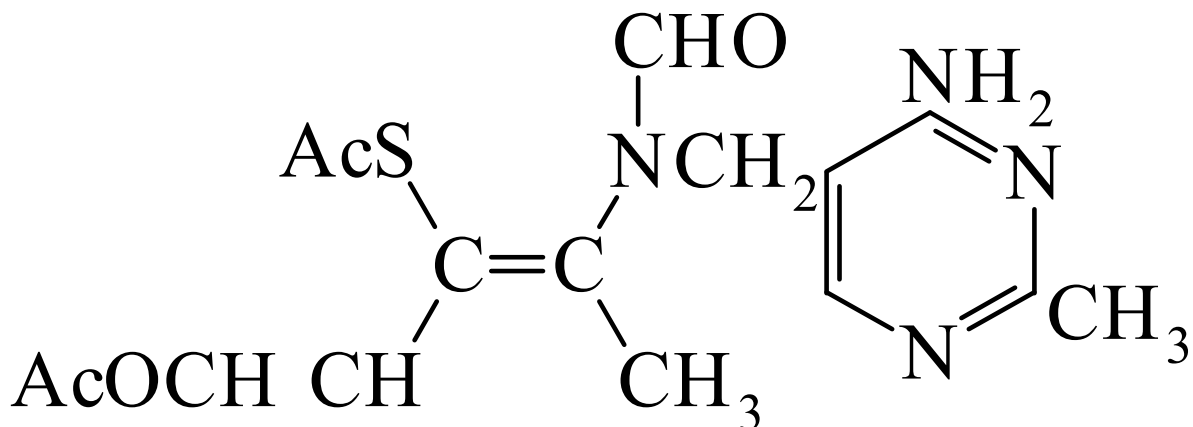




>>Entry Name: Acetiamine, INN

Synonym(s): *S*-[1-[2-(Acetyloxy)ethyl]-2-[[4-amino-2-methyl-5-pyrimidinyl)methyl]formylamino]-1-propenyl] ethanethiolate, 9CI. *S-N*-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-*N*-(4-hydroxy-2-mercapto-1-methyl-1-butenyl) formamide *O*-acetate thioacetate, 8CI. Acethiamine. Diacetyl thiamine. Nevriton. Thianeuron. DAT



CAS Registry Number: 299-89-8

Related CAS Registry Numbers(s): 107814-81-3

Molecular Formula: C₁₆H₂₂N₄O₄S

Molecular Weight: 366.44

Accurate Mass: 366.136176

Percentage Composition: C 52.44%; H 6.05%; N 15.29%; O 17.46%; S 8.75%

Use/Importance: Analgesic (Vit. B₁ source)

Other Data: Component of Algo-Nevriton

>>Variant: (Z)-form

CAS Registry Number: 123293-43-6

Molecular Formula: C₁₆H₂₂N₄O₄S

Molecular Weight: 366.44

Accurate Mass: 366.136176

Percentage Composition: C 52.44%; H 6.05%; N 15.29%; O 17.46%; S 8.75%

Physical Description: Prisms (C₆H₆/petrol)

Melting Point: Mp 122-123° (dec.)

Other Data: λ_{max} 258 nm

References: