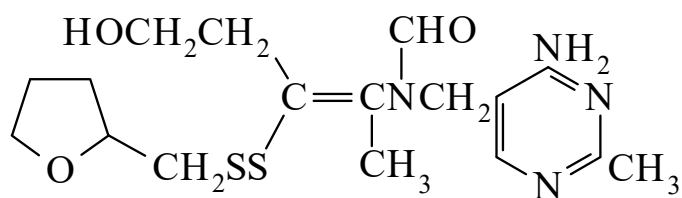




>>Entry Name: Fursultiamine, INN, JAN

Synonym(s): *N*-[(4-Amino-2-methyl-5-pyrimidinyl)methyl]-*N*-[4-hydroxy-1-methyl-2-[(tetrahydrofurfuryl)dithio]-1-butenyl]formamide, 9Cl, 8Cl. Thiamine tetrahydrofurfuryl disulfide. Alinamin F. Diteftin. Judolor. TTFD. Many other names



CAS Registry Number: 804-30-8

Related CAS Registry Numbers(s): 2105-43-3

Molecular Formula: C₁₇H₂₆N₄O₃S₂

Molecular Weight: 398.549

Accurate Mass: 398.144631

Percentage Composition: C 51.23%; H 6.58%; N 14.06%; O 12.04%; S 16.09%

Use/Importance: Analgesic, vitamin B₁ source

Physical Description: Cryst. with coffee-like flavour

Melting Point: Mp 148-150° (132°)

Hazard & Toxicity: LD₅₀ (rat, orl) 2200 mg/kg. LD₅₀ (rat, ipr) 540 mg/kg

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