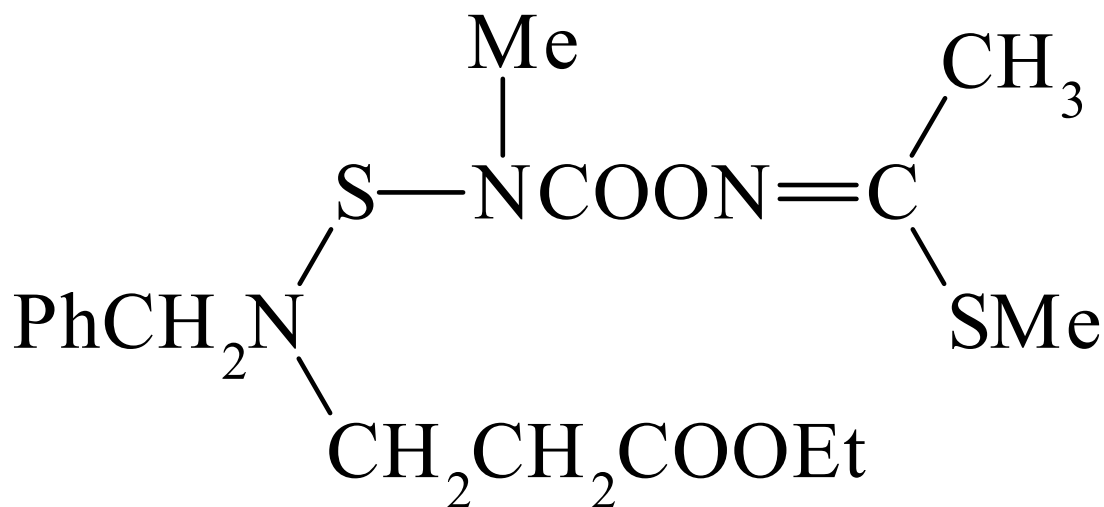




>>Entry Name: Alanycarb, BSI

Synonym(s): Ethyl 3,7-dimethyl-6-oxo-9-(phenylmethyl)-5-oxa-2,8-dithia-4,7,9-triazadodec-3-en-12-oate, 9Cl. Orion



CAS Registry Number: 83130-01-2

Related CAS Registry Numbers(s): 114416-15-8

Molecular Formula: C₁₇H₂₅N₃O₄S₂

Molecular Weight: 399.534

Accurate Mass: 399.128647

Percentage Composition: C 51.11%; H 6.31%; N 10.52%; O 16.02%; S 16.05%

>>Variant: (Z)-form

Molecular Formula: C₁₇H₂₅N₃O₄S₂

Molecular Weight: 399.534

Accurate Mass: 399.128647

Percentage Composition: C 51.11%; H 6.31%; N 10.52%; O 16.02%; S 16.05%

Use/Importance: Contact and ingested insecticide. Cholinesterase inhibitor

Physical Description: Cryst.

Melting Point: Mp 46.8-47.2°

Boiling Point: Bp_{0.21} 134°

Solubility: Sol. org. solvs.

Hazard & Toxicity: LD₅₀ (rat, orl) 330 mg/kg

References: