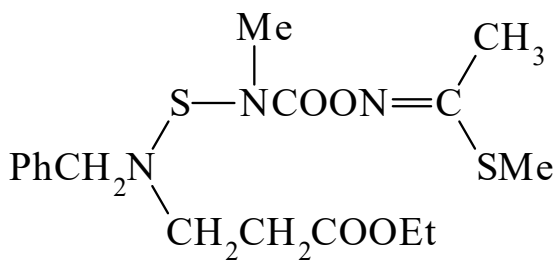
>>**Entry Name: Alanycarb,** BSI
Synonym(s): Ethyl 3,7-dimethyl-6-oxo-9-(phenylmethyl)-5-oxa-2,8-dithia-4,7,9-triazadodec-3-en-12-oate, 9CI. Orion



CAS Registry Number: 83130-01-2
Related CAS Registry Numbers(s): 114416-15-8

Molecular Formula: $C_{17}H_{25}N_3O_4S_2$
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: $C_{17}H_{25}N_3O_4S_2$
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: LD_{50} (rat, orl) 330 mg/kg

References:

Belg. Pat., 1982, 892 302; *CA*, **97**, 144415q, *(synth, activity)*
Osteo, C.Y. *et al.*, *J. Agric. Entomol.*, 1990, **7**, 337, *(use)*
Pesticide Manual, 9th edn., 1991, 15

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