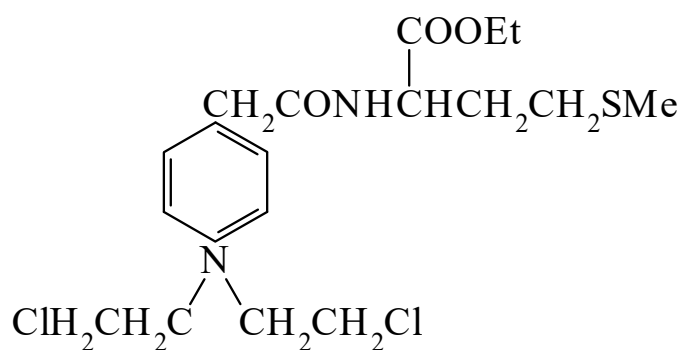




>>Entry Name: Phenamet

Synonym(s): Ethyl *N*-[[4-[bis(2-chloroethyl)amino]phenyl]acetyl]methioninate. Ethyl *p*-[bis(2-chloroethyl)amino]- α -[2-(methylthio)ethyl]phenaceturate. Fenamet



CAS Registry Number: 3819-34-9

Molecular Formula: C₁₉H₂₈Cl₂N₂O₃S

Molecular Weight: 435.413

Accurate Mass: 434.119767

Percentage Composition: C 52.41%; H 6.48%; Cl 16.28%; N 6.43%; O 11.02%; S 7.36%

Use/Importance: Antineoplastic agent

Calculated Log P Data: Log P 3.12 (uncertain value) (calc)

>>Variant: (±)-form

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Melting Point: Mp 46-49°

References:

Golubeva, N.E. *et al.*, *CA*, 1958, **52**, 14537, (*synth*)

Larionov, L.F., *Cancer Res.*, 1961, **21**, 99, (*props*)