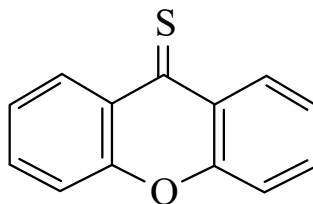




>>Entry Name: **9H-Xanthene-9-thione**, 9CI

Synonym(s): Xanthione. 9-Thioxanthone



CAS Registry Number: 492-21-7

Molecular Formula: C₁₃H₈OS

Molecular Weight: 212.272

Accurate Mass: 212.029585

Percentage Composition: C 73.56%; H 3.80%; O 7.54%; S 15.11%

Physical Description: Red needles (C₆H₆ or petrol), purple-brown needles (CH₂Cl₂/pentane)

Melting Point: Mp 157-158°

Solubility: Sol. Et₂O, C₆H₆, spar. sol. EtOH, insol. H₂O

Other Data: With conc. H₂SO₄, gives yellow soln. which fluoresces green

Rare Chemicals Library: S26168-8

References:

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