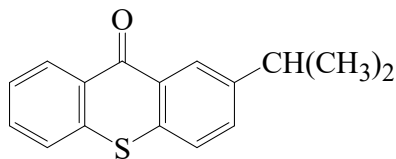




>>Entry Name: 2-Isopropylthioxanthone

Synonym(s): 2-(1-Methylethyl)-9*H*-thioxanthen-9-one, 9CI



CAS Registry Number: 5495-84-1

Related CAS Registry Numbers(s): 75081-21-9

Molecular Formula: C₁₆H₁₄OS

Molecular Weight: 254.352

Accurate Mass: 254.076535

Percentage Composition: C 75.56%; H 5.55%; O 6.29%; S 12.61%

Use/Importance: Photoinitiator in uv-unstable acrylic resins

Physical Description: Cryst.

Melting Point: Mp 76-77.5°

References:

Pelz, K. *et al.*, *Coll. Czech. Chem. Comm.*, 1967, **32**, 2161-2176, (*synth*)