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>>Entry Name: 1-(Methylsulfonyl)-2-propanone

Synonym(s): (Methylsulfonyl)acetone

CAS Registry Number: 5000-46-4

$\text{H}_3\text{CSO}_2\text{CH}_2\text{COCH}_3$

Molecular Formula:  $\text{C}_4\text{H}_8\text{O}_3\text{S}$

Molecular Weight: 136.171

Accurate Mass: 136.019415

Percentage Composition: C 35.28%; H 5.92%; O 35.25%; S 23.55%

Melting Point: Mp 54°

Other: Oakwood 3502

**References:**

Cowie, D. *et al.*, *J.C.S.*, 1934, 46, (*synth*)