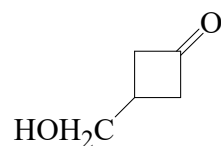




>>Entry Name: 3-(Hydroxymethyl)cyclobutanone

Synonym(s): 3-Oxocyclobutanemethanol



Molecular Formula: C₅H₈O₂

Molecular Weight: 100.117

Accurate Mass: 100.05243

Percentage Composition: C 59.98%; H 8.05%; O 31.96%

>>Derivative: Di-Me acetal

Synonym(s): 3,3-Dimethoxycyclobutanemethanol, 9CI

CAS Registry Number: 175021-11-1

Molecular Formula: C₇H₁₄O₃

Molecular Weight: 146.186

Accurate Mass: 146.094295

Percentage Composition: C 57.51%; H 9.65%; O 32.83%

Physical Description: No phys. props descr.

>>Derivative: Di-Me acetal, 4-methylbenzenesulfonyl

CAS Registry Number: 175021-12-2

Molecular Formula: C₁₄H₂₀O₅S

Molecular Weight: 300.375

Accurate Mass: 300.103145

Percentage Composition: C 55.98%; H 6.71%; O 26.63%; S 10.68%

Physical Description: No phys. props. descr.

References:

Stevens, C. *et al.*, *J.O.C.*, 1996, **61**, 2174, (*di-Me acetal derivs, synth, ir, pmr, cmr, ms*)