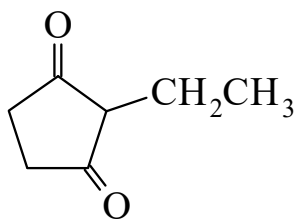




>>Entry Name: 2-Ethyl-1,3-cyclopentanedione, 9CI



CAS Registry Number: 823-36-9

Molecular Formula: C₇H₁₀O₂

Molecular Weight: 126.155

Accurate Mass: 126.06808

Percentage Composition: C 66.65%; H 7.99%; O 25.36%

Use/Importance: Precursor for the D-ring in the total synth. of steroids

Physical Description: Cryst. (H₂O)

Melting Point: Mp 175-177°

Aldrich: 19456-5

Rare Chemicals Library: S45731-0

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **3**, 253A

Schick, H. *et al.*, *Chem. Ber.*, 1969, **102**, 3238, (*synth*)

Martinez, R.A. *et al.*, *Synth. Commun.*, 1989, **19**, 373, (*synth, pmr*)