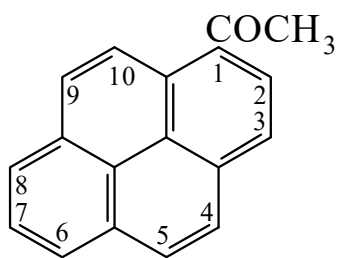




>>Entry Name: 1-Acetylpyrene

Synonym(s): 1-(1-Pyrenyl)ethanone, 9Cl. Methyl 1-pyrenyl ketone, 8Cl. 3-Acetylpyrene (obsol.)



CAS Registry Number: 3264-21-9

Molecular Formula: C₁₈H₁₂O

Molecular Weight: 244.292

Accurate Mass: 244.088815

Percentage Composition: C 88.50%; H 4.95%; O 6.55%

Physical Description: Yellow plates or leaflets (MeOH)

Melting Point: Mp 89-90°

Aldrich: 39142-5

Rare Chemicals Library: S97516-8

References:

Vollmann, H. *et al.*, *Annalen*, 1937, **531**, 2; 108, (*synth*)

Bachmann, W.E. *et al.*, *J.A.C.S.*, 1941, **63**, 2494, (*synth*)

Shotton, R.G. *et al.*, *Tetrahedron*, 1973, **29**, 2163, (*synth*)

Minabe, M. *et al.*, *Bull. Chem. Soc. Jpn.*, 1989, **62**, 68, (*pmr*, *cmr*)

D'Souza, L.J. *et al.*, *J.O.C.*, 1996, **61**, 9494-9502, (*synth*)