



>>Entry Name: 4'-Ethynylacetophenone

Synonym(s): 1-(4-Ethynylphenyl)ethanone. 1-Acetyl-4-ethynylbenzene. (4-Acetylphenyl)acetylene

CAS Registry Number: 42472-69-5

Structure by analogy with 2'-Ethynylacetophenone, [BKD19-B](#)

Molecular Formula: C₁₀H₈O

Molecular Weight: 144.173

Accurate Mass: 144.057515

Percentage Composition: C 83.31%; H 5.59%; O 11.10%

Physical Description: Cryst.

Melting Point: Mp 69-70°

References:

Hagihara, N. *et al.*, *Synthesis*, 1980, 627, (*synth*, *uv*, *ir*, *pmr*)