



>>Entry Name: [(4-Hydroxyphenyl)methyl]triphenylphosphonium(1+), 9Cl

Synonym(s): (*p*-Hydroxybenzyl)triphenylphosphonium(1+), 8Cl

CAS Registry Number: 186346-24-7

Related CAS Registry Numbers(s): 98834-25-4

Molecular Formula: C₂₅H₂₂OP⁽⁺⁾

Molecular Weight: 369.422

Accurate Mass: 369.140827

Percentage Composition: C 81.28%; H 6.00%; O 4.33%; P 8.38%

>>Derivative: Me ether

>>Derivative: Et ether

Synonym(s): [(4-Ethoxyphenyl)methyl]triphenylphosphonium(1+), 9Cl. (*p*-Ethoxybenzyl)triphenylphosphonium(1+), 8Cl

CAS Registry Number: 82105-88-2

Extra CAS Registry Numbers(s): 69743-35-7

Molecular Formula: C₂₇H₂₆OP⁽⁺⁾

Molecular Weight: 397.476

Accurate Mass: 397.172127

Percentage Composition: C 81.59%; H 6.59%; O 4.03%; P 7.79%

Use/Importance: Commercially available (as bromide)

Physical Description: Cryst. (bromide)

Melting Point: Mp 223-225° (bromide)

Other Data: CAS no. refers to bromide

References:

Kroha, K.J. *et al.*, *Org. Mass Spectrom.*, 1986, **21**, 507-515, (*ms*)