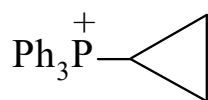




>>Entry Name: Cyclopropyltriphenylphosphonium(1+), 9Cl



Related CAS Registry Numbers(s): 76757-83-0 122041-02-5 122041-03-6

Molecular Formula:  $C_{21}H_{20}P^{(+)}$

Molecular Weight: 303.363

Accurate Mass: 303.130262

Percentage Composition: C 83.14%; H 6.64%; P 10.21%

Other Data: When treated with alkali, salts yield cyclopropyldiphenylphosphine oxide

>>Derivative: Bromide

CAS Registry Number: 14114-05-7

Molecular Formula:  $C_{21}H_{20}BrP$

Molecular Weight: 383.267

Accurate Mass: 382.068598

Percentage Composition: C 65.81%; H 5.26%; Br 20.85%; P 8.08%

Physical Description: Hygroscopic cryst. (EtOH/EtOAc)

Melting Point: Mp 188-190° (176-177°)

Aldrich: 15731-7

Fluka: 30015

>>Derivative: Ylide

see Cyclopropylidenetriphenylphosphorane, [BHK99-N](#)

#### References:

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Utimoto, K. *et al.*, *Tetrahedron*, 1973, **29**, 1169, (*synth, use*)

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