Product Application Bulletin

DPC AS AN INTERMEDIATE TO DIPHENYLPHOSPHINE OXIDE (DPPO) BASED HEW INTERMEDIATES EMPLOYING ARBUZOV CHEMISTRY.

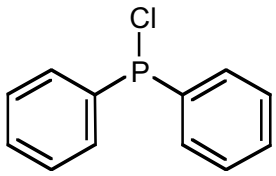
Chemical Name:

Diphenyl Phosphinous Chloride (DPC)

CAS Registry Number:

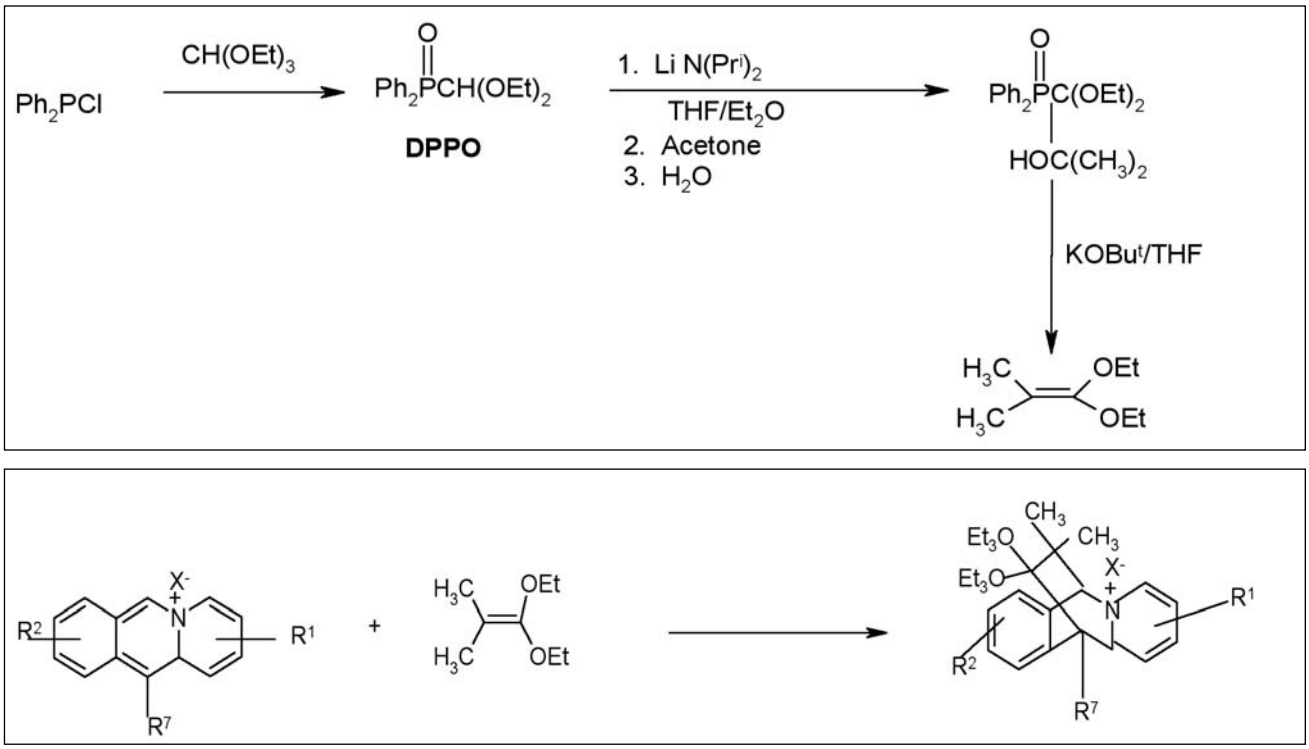
1079-66-9

Structure:

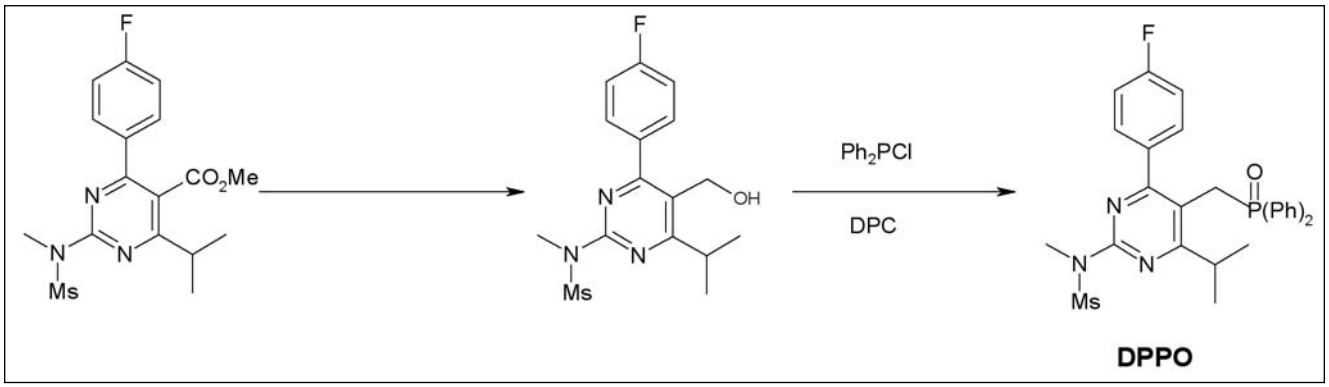


Examples / Use:

A. DPC in dienophile synthesis via intermediate DPPO. Utilized in quinolizinium salts formation. (Neurodegenerative disorders)



B. DPC in synthesis of Astra-Zeneca's Crestor (statin).



Summary:

THERAPEUTIC AREA:
Use not associated with any specific therapeutic area.

FUNCTIONALITY:
Starting material for diphenylphosphine oxide (DPPO) based HEW intermediates.

References:

A. A. US 5,380,729 (1995)
B. B. US 6,160,115 (2000)

IMPORTANT NOTICE

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