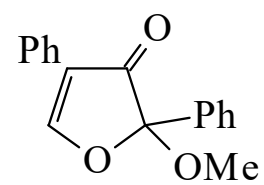




>>Entry Name: 2-Methoxy-2,4-diphenyl-3(2H)-furanone, 9Cl

Synonym(s): MDPF



CAS Registry Number: 50632-57-0

Molecular Formula: $C_{17}H_{14}O_3$

Molecular Weight: 266.296

Accurate Mass: 266.094295

Percentage Composition: C 76.68%; H 5.30%; O 18.02%

Use/Importance: Used for fluorimetric detn. of amines and amino acids; derivatising reagent for hplc analysis of primary and secondary amines

Physical Description: Cryst. (MeOH)

Melting Point: Mp 93-95°

Fluka: 64958

References:

Weigele, M. *et al.*, *J.O.C.*, 1976, **41**, 388, (*synth*)

Nakamura, H. *et al.*, *Anal. Chem.*, 1982, **54**, 2482; 1984, **56**, 919, (*use*)