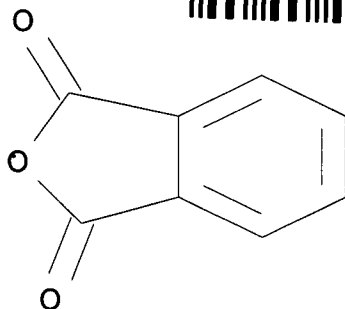


Photolysis

SRL AOPWin v.87



14.11.01



SMILES : O=C(OC(=O)c1cccc2)c12
CHEM : 1,3-Isobenzofurandione
MOL FOR: C8 H4 O3
MOL WT : 148.12

----- SUMMARY (AOP v1.87): HYDROXYL RADICALS -----
Hydrogen Abstraction = 0.0000 E-12 cm3/molecule-sec
Reaction with N, S and -OH = 0.0000 E-12 cm3/molecule-sec
Addition to Triple Bonds = 0.0000 E-12 cm3/molecule-sec
Addition to Olefinic Bonds = 0.0000 E-12 cm3/molecule-sec
**Addition to Aromatic Rings = 0.7492 E-12 cm3/molecule-sec
Addition to Fused Rings = 0.0000 E-12 cm3/molecule-sec

OVERALL OH Rate Constant = \times 0.7492 E-12 cm3/molecule-sec
HALF-LIFE = \times 21.415 Days (24-hr day; \times 0.5E6 OH/cm3)

..... ** Designates Estimation(s) Using ASSUMED Value(s)

----- SUMMARY (AOP v1.87): OZONE REACTION -----

***** NO OZONE REACTION ESTIMATION *****
(ONLY Olefins and Acetylenes are Estimated)

Experimental Database: NO Structure Matches

Property of BASF SE -
Reproduction for other use prohibited
without written permission