



>>Entry Name: **2-Oxo-3-phenoxypropylphosphonic acid**

Synonym(s): (3-Phenoxyacetyl)phosphonic acid

PhOCH2COCH2P(O)(OH)2

Molecular Formula: C₉H₁₁O₅P

Molecular Weight: 230.157

Accurate Mass: 230.034412

Percentage Composition: C 46.97%; H 4.82%; O 34.76%; P 13.46%

>>Derivative: Di-Me ester

CAS Registry Number: 40665-68-7

Molecular Formula: C₁₁H₁₅O₅P

Molecular Weight: 258.21

Accurate Mass: 258.065712

Percentage Composition: C 51.17%; H 5.86%; O 30.98%; P 12.00%

Refractive Index: n_D²⁰ 1.5160

Aldrich: 26953-0

References:

U.K. Pat., 1972, 1 350 971; *CA*, **78**, 110692v, (*use, deriv*)

Ansell, M.F. *et al.*, *Tet. Lett.*, 1981, **22**, 1727, (*deriv, bibl*)