

# PHENYL CHLOROFORMATE



CAS Number: 1885-14-9

Other Names: Phenyl carbonochloridate; Chloroformic acid phenyl ester

Formula:  $C_7H_5ClO_2$  or  $C_6H_5OCOCI$

---

## PRODUCT INTRODUCTION

Phenyl chloroformate appears as a colorless liquid with a strong odor. It is Miscible with N,N-dimethylformamide. It is mainly used as an intermediate for preparation of other chemicals.

---

## PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colorless to Pale Yellow Liquid
Purity	99.85%
Organic Solvent	0.06 %
Phenol	0.03 %
Di-Phenyl Carbonate	0.02 %
Other. Imp	0.04 %
Hydrolysable Chloride	0.22 %

---

## APPLICATION

- Phenyl chloroformate is used in the synthesis of poly(2-(phenoxy-carbonyloxy)ethyl methacrylate) and phenyl-(4-vinylphenyl) carbonate.
- It acts as a precursor of phenyl mixed anhydrides which are used in peptide coupling reactions.
- It serves as a dehydrating reagent for the conversion of primary amides to nitriles and an intermediate in the synthesis of pharmaceuticals and carbamates.

---

## PACKAGING OPTIONS

Drums

---

To Get a Quote, Email On [marketing@sanjaychemindia.com](mailto:marketing@sanjaychemindia.com)