PHARMACEUTICALS INDIA
ACTIVE PHARMACEUTICAL
INGREDIENTS
TAJ GROUP

PRODUCT CODE- BPHYAT550

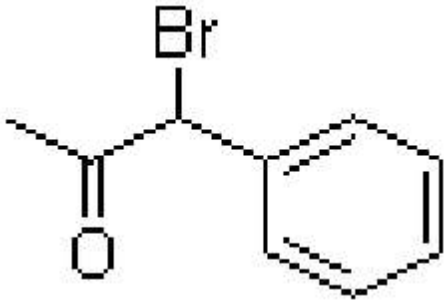
Taj Pharmaceuticals Ltd.

Bromo phenyl acetone

CAS No. 23022-83-5

550 112424 76334129 02

Name : 1-Bromo-1-phenyl-2-propanone
Synonyms : 1-Bromo-1-phenylacetone, 1-Bromo-1-phenyl-2-propanone, 1-Bromo-1-phenylacetone,



CAS No.: 23022-83-5
Molecular Formula : C9H9BrO
Molecular Weight : 213.07
Purity : 98%
Density : 1.607
Boiling point : 427 ºC
Flash point : 114 ºC

Description : colorless or slightly yellow liquid.

Production methods : Quorum benzene; 20L propiophenone joined 100L enamelled 11:50. Pot maintain negative pressure (vacuum about MUSCLE), mixing in the next hour was added dropwise 8L bromine, temperature maintained at 30 ° C, bromination reaction after blowing dry air with the exception of the reaction liquid hydrogen bromide, in bromo phenyl acetone benzene 60-65L. Removal of solvent benzene, derived products.

Purposes : Rodenticide enemy of the rat intermediates

Abstract
The photoinitiation efficiency of the free-radical polymerization of methyl methacrylate and styrene by several carbonly compounds has been determined. The compounds considered were -substituted ketones and -dicarbonyl compounds. For the ketones, the initiation efficiency employing methyl methacrylate depends on the substitution; the values obtained change from less than 10-3 (acetone) to 0.65 (3-hydroxy-3-methyl-2-butanone). All ketones are more efficient towards methyl methacrylate than styrene. This result can be explained in terms of triplet quenching by the last monomer. The results obtained employing -dicarbonyl compounds do not conform to a simple pattern. In particular, benzil shows a considerably larger efficiency towards styrene than for methyl methacrylate. Since benzil is efficiently quenched by styrene, the initiation must involve the interaction of an excited benzil molecule and the monomer.