

Lynn Laboratories, Inc

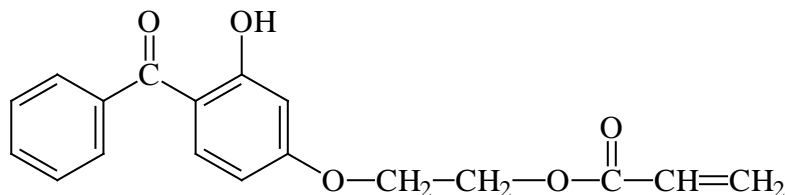
4-Acryloxyethoxy-2-hydroxybenzophenone Ophthalmic Grade

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General Description: LYNN-UV2 is a benzophenone-type UV absorber which may be copolymerized with monomers, such as methacrylates, and acrylates. This UV absorber has strong absorption in ultraviolet region.

Product Name: LYNN-UV2
Synonym: 2-(4-Benzoyl-3-hydroxyphenoxy)ethyl acrylate
Chemical Formula: C₁₈H₁₆O₅
Molecular Weight: 312.5
CASRN: [16432-81-8]

Structure:



Melting Point: 77-80°C

Appearance: Light yellow powder

Solubility: Soluble in common organic solvents. Soluble in 2-hydroxyethyl methacrylate(HEMA). Insoluble in water.

Purity: 97% minimum

UV absorption: $\epsilon = 1.71 \times 10^4$ @ $\lambda = 286$ nm, and $\epsilon = 1.17 \times 10^4$ @ $\lambda = 324$ nm, in acetonitrile

Application: UV absorbing monomer, especially for ophthalmic devices, films, coatings and fibers.