

KIP-150

CAS No. 163702-01-0

DESCRIPTION

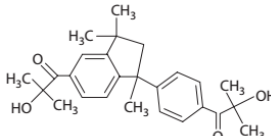
KIP-150 is a macromolecular photoinitiator. It is suitable for a water-based UV curing system when prepared in aqueous solvent. It is widely used in the free radical UV curing system, and its significant feature is low odor, low migration.

APPLICATION

- Clear lacquers for wood, plastic, paper, metal, optical fibers
- Coatings for flooring
- Adhesives, printing inks

Optimum concentration is between 0.5 and 5% by weight and depending on system composition, thickness, and desired cure-speed.

SPECIFICATION

KIP-150	
Appearance	Yellowish to reddish brown viscous liquid
Purity (HPLC, %)	≥85
Moisture (%)	≤0.2
Color (Gardner)	≤10
Structure	 <p>The chemical structure of KIP-150 is a complex molecule featuring a central benzene ring. This ring is substituted with a methyl group (CH₃) and a hydroxyl group (HO) on one side, and a methyl group (CH₃) and a hydroxyl group (OH) on the other. Additionally, the benzene ring is connected to a five-membered ring system, which is further substituted with a methyl group (CH₃) and a hydroxyl group (OH). The structure is highly branched and contains multiple oxygen atoms.</p>

STORAGE AND HANDLING

- Stored at room temperature
- Keep sealed, store in a cool ,dry and ventilated area

Shelf life: 2 years