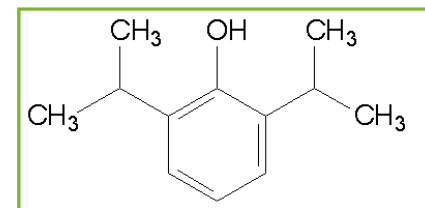


# Propofol

- Propofol is 2,6-diisopropylphenol, applicable as an anaesthetic. It is the first of a new class of intravenous anesthetic agents - the alkylphenols. Injectable emulsions are an intravenous-hypnotic agent for use in the induction and maintenance of anesthesia or sedation. Intravenous injection of a therapeutic dose of Propofol produces hypnosis rapidly with minimal excitation, usually within 40 seconds from the start of an injection (the time for one arm-brain circulation). As with other rapidly acting intravenous anesthetic agents, the half-time of the blood-brain equilibration is approximately 1 to 3 minutes, and this accounts for the rapid induction of anesthesia. Propofol is only slightly soluble in water and is formulated in a white oil-in-water emulsion. The injectable emulsion has a pH of 7-8.5.



CAS: [2078-54-8]  
Formula: C<sub>12</sub>H<sub>18</sub>O  
M. Weight: 178,27