

Process for preparing dioxolane**Abstract**

A process for preparing dioxolane by reacting ethylene glycol (1) with formaldehyde in aqueous solution (2) in the presence of catalysts, wherein the reaction is carried out in a reactive distillation column (RDK), with the starting materials ethylene glycol (1) and aqueous formaldehyde solution (2) being fed into the reactive distillation column (RDK) in the middle region of the column and a dioxolane-comprising stream (3) being taken off from the upper region of the reactive distillation column (RDK) and a bottom stream (4) comprising components having boiling points higher than that of dioxolane being taken off, is proposed.

(Figure 1)