

CATALYST FOR HYDROXYLATION AND PROCESS FOR PRODUCING AROMATIC HYDROXY COMPOUND

ABSTRACT

A process for producing an aromatic hydroxy compound having hydroxyl group at the para-position with respect to a hydroxy or an alkoxy substituent group present in the aromatic ring at a high yield and at a high selectivity, using a novel and useful hydroxylation catalyst which can afford to introduce hydroxyl group directly into aromatic ring at the para-position with respect to a hydroxy or an alkoxy substituent group, by reacting at least one compound selected from the group consisting of phenols, alkoxybenzenes and derivatives of them with hydrogen peroxide in the presence of the catalyst, wherein the hydroxylation catalyst is constituted of an oleophilized crystalline titanasilicate.



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