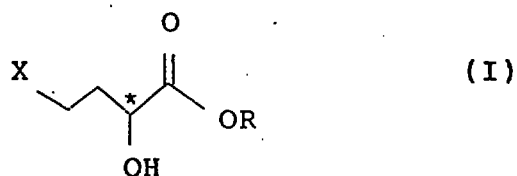


4-SUBSTITUTED-2-HYDROXYBUTANOATES
AND A PROCESS FOR PRODUCING THEM

ABSTRACT

The present invention provides an optically active
4-substituted-2-hydroxybutanoate represented by the
5 general formula:



wherein X is Cl, Br, I or CN, R is alkyl, and * shows an
asymmetric carbon.

The compound which is useful chemical compounds as
starting materials of medical supplies, is obtained by a
15 process comprising ring-opening optically active α -hy-
droxy- γ -butyrolactone and esterifying the compound ob-
tained.

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This Sheet Has Been Replaced



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