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(54) Title: **ENZYMATIC HYDROLYSIS OF 4-METHYLTHIOBUTYRONITRILES**

(54) Titre: **HYDROLYSE ENZYMATIQUE DES 4-METHYLTHIOBUTYRONITRILE**

(57) Abstract

A novel method for the enzymatic hydrolysis of 4-methylthiobutyronitriles into racemic 4-methylthiobutyric acid using a nitrilase of *Alcaligenes faecalis*, *Rhodococcus* sp. HT 29-7 or *Gordona terrae*.

(57) Abrégé

La présente invention concerne un nouveau procédé d'hydrolyse enzymatique des 4-méthylthiobutyronitrile en acide 4-méthylthiobutyrique racémique à l'aide d'une nitrilase d'*Alcaligenes faecalis*, *Rhodococcus* sp. HT 29-7 ou de *Gordona terrae*.

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