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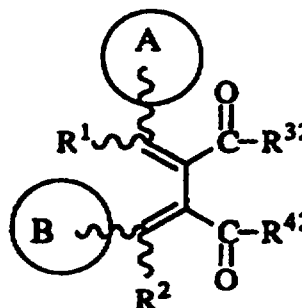
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(54) Title: BUTADIENE DERIVATIVES AND PROCESS FOR PREPARING THEREOF

(57) Abstract

A novel butadiene derivative of formula (1-a) wherein Ring A is heterocycle, or benzene being optionally substituted by lower alkyl, alkoxy, nitro, hydroxy, substituted or unsubstituted amino or halogen, Ring B is heterocycle, or benzene being optionally substituted by lower alkoxy, lower alkylendioxy or di-lower alkylamino, R¹ and R² are each H or lower alkyl, one of -COR³² and -COR⁴² is carboxyl, and the other is carboxyl being optionally esterified, or the corresponding amide or pyrrolidine derivatives, or a pharmaceutically acceptable salt thereof. Said compounds show

excellent PAI-1 inhibitory activity and are useful in the prophylaxis or treatment of various thromboses such as myocardial infarction, intra-atrial thrombus in atrial fibrillation, cerebral infarction, angina pectoris, stroke, pulmonary infarction, deep venous thrombus (DVT), disseminated intravascular coagulation syndrome (DIC), diabetic complications, restenosis after percutaneous transluminal coronary angioplasty (PTCA), etc.



(1-a)