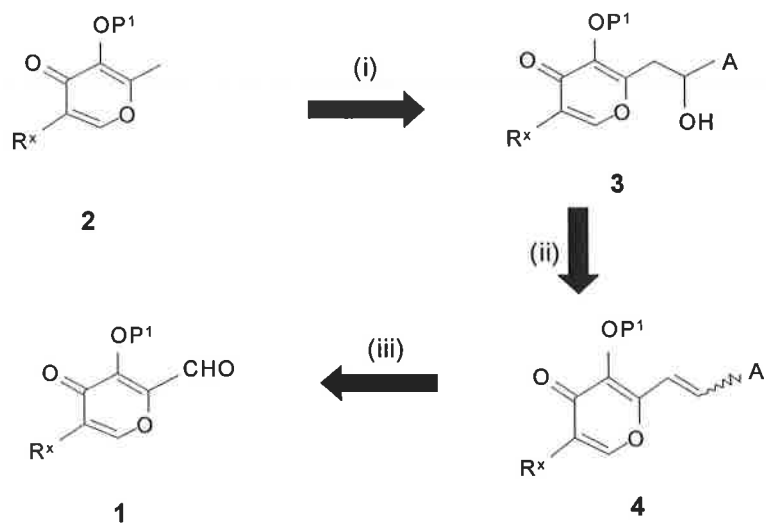


MALTOL ETHER PROCESSES AND INTERMEDIATES

ABSTRACT OF THE DISCLOSURE

Novel processes and intermediates are provided according to the general reaction scheme:

5



utilizing a ruthenium catalyst in an oxidative cleavage of the triene **4** whereby an aldehyde may be produced and optionally taken on to a carboxylic acid **5**:

10

