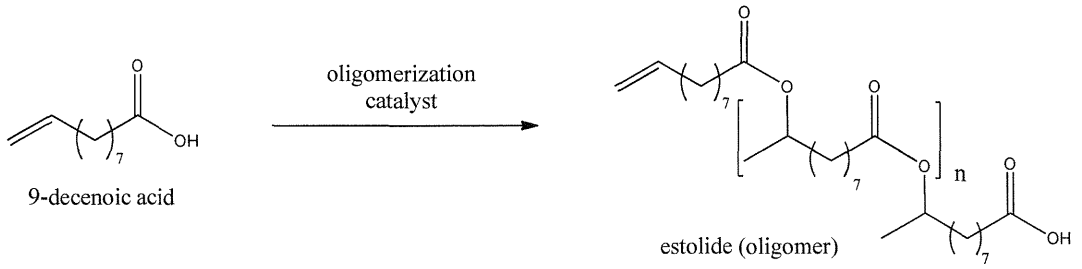
PROCESSES FOR PREPARING ESTOLIDE BASE OILS AND OLIGOMERIC COMPOUNDS THAT INCLUDE CROSS METATHESIS

ABSTRACT

Provided herein are estolide base oils and oligomeric compounds prepared from processes that include cross metathesis. Exemplary processes include the preparation of terminally-unsaturated fatty acids by cross metathesis, and the subsequent oligomerization of terminally-unsaturated fatty acids to provide estolide compounds, such as the process set forth below:



9-decenoic acid

estolide (oligomer)

[No available figure]