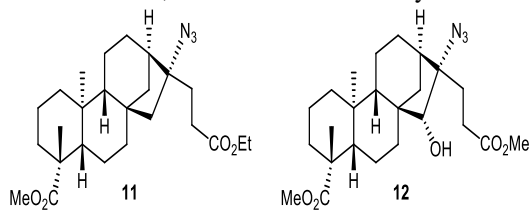


The invention relates to derivatives of natural compounds that exhibit selective cytotoxic properties in relation to certain human cancer cell lines and can be used as chemotherapeutic agents for the treatment of oncological diseases. In particular, described are the chemical structures and cytotoxic activities of two derivatives (11) and (12) of *ent*-kaurenoic acid, which contain a tertiary azide functional group.



The cytotoxic activity of these compounds is confirmed by the inhibition of proliferation of at least 50% of cells belonging to several cancer cell lines at micromolar and lower concentrations. The selective activity of the claimed compounds is confirmed by the relevant selectivity index values determined by the ratio  $IC_{50}$  for normal cells/ $IC_{50}$  for the corresponding cancer cells.

Claims: 3

Fig.: 6