

FLUORINATED CYCLOPROPANE AND CYCLOBUTANE DERIVATIVES AS COMPONENTS
OF ACTIVE COMPOUNDS

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Isopropyl and tert.-butyl substituents can be replaced by fluorinated cyclopropyl and cyclobutyl groups. The fluorinated cyclic compounds can mimic these alkyl groups by slightly modifying the steric factors but significantly by changing the lipophilicity of the alkyl radicals and the reactivity of the functional groups.

Examples of the importance of these specific properties from the chemical and biological point of view will be presented in addition to possible methods of synthesizing a variety of compounds suitable for different applications.