A cyclobutene is one of the simplest cyclic alkenes that has found numerous applications in organic synthesis. Recently, we have developed a versatile method for the preparation of 1,2-disubstituted cyclobutenes 1.\textsuperscript{[1]} To our surprise, the bromination of cyclobutenes 1 remains an untouched area of cyclobutene chemistry, hence our next aim was to investigate the reactivity of cyclobutenes 1 with bromine.

For the purpose of this work, a series of 1,2-disubstituted cyclobutenes 1 has been prepared bearing a wide range of substituents. These starting substrates were subjected to different reaction conditions resulting in the quantitative formation of allylic substitution product 2 demonstrating exceptional regioselectivity of the bromination reaction. Thus, the obtained results including the proposed reaction mechanism and possible synthetic application of brominated cyclobutenes 2 will be discussed.

\[ \text{1} \xrightarrow{\text{Br}_2/\text{CCl}_4} \text{2} \]