

**MEMPELAJARI REAKSI ISOMERISASI SAFROL DENGAN PEREAKSI KOH/*n*-BuOH  
DAN NaOH/CH<sub>2</sub>OHCH<sub>2</sub>OH**

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**ABSTRACT**

The studies have been done about the transformation of safrole into isosafrole. The transformation was done using reagents, namely KOH/*n*-BuOH and NaOH/CH<sub>2</sub>OHCH<sub>2</sub>OH. The purities of all products were tested with thin layer and gas chromatography. Thereafter the structures were identified with infrared spectrophotometers, NMR<sup>1</sup>H and <sup>13</sup>C spectrometry, and mass spectrometry. The isomerization product of safrole into isosafrole with highest percentage yield (75%) was given NaOH/CH<sub>2</sub>OHCH<sub>2</sub>OH.

**KEY WORDS:** SAFROLE, ISOSAFROLE, ISOMERIZATION.