

MEMPELAJARI REAKSI ISOMERISASI SAFROL DENGAN PEREAKSI KOH/*n*-BuOH DAN NaOH/CH₂OHCH₂OH

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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/CH₂OHCH₂OH. The purities of all products were tested with thin layer and gas chromatography. Thereafter the structures were identified with infrared spectrophotometers, NMR¹H and ¹³C spectrometry, and mass spectrometry. The isomerization product of safrole into isosafrole with highest percentage yield (75%) was given NaOH/CH₂OHCH₂OH.

KEY WORDS: SAFROLE, ISOSAFROLE, ISOMERIZATION.