

## **Aldol condensation of 2,5-dimethoxybenzaldehyde with acetone under basic condition**

### **ABSTRACT**

Mixed aldol condensation of 2,5-dimethoxybenzaldehyde and acetone with mole ratio of 2:1 in the presence of sodium hydroxide gave an orange-yellowish crystal; identified as 1,5-Bis(2,5-dimethoxyphenyl)penta-1,4-diene-3-one yield 56 to 82 %.

**Keyword:** Aldol condensation; Curcumin derivatives; 1,5-Bis(2,5-dimethoxyphenyl)penta-1,4-diene-3-one