

Mechanical ~~Records~~ Engraving

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Engraving 102 Assisting member

- 1;
- Formyl group (Aldehyde) group (CHO)
 - Hydroxyl group (OH)
 - Alkene group (double bond)
- ii
- Keto group (carbonyl group) (C=O)
 - Amino group (NH_2)
 - Aromatic group (phenyl group)
- iii
- Aldehyde group
 - Hydroxyl group
 - double bond (Alkene group)

2
$$[\alpha]_D^{25} = \frac{\alpha}{C \cdot l} \quad (\text{Tartaric acid} = \text{C}_4\text{H}_6\text{O}_6)$$

$\alpha = +1.0$

Conc. in $\text{g/cm}^3 = \frac{0.856}{10} = 0.0856$

$$\therefore \alpha = \frac{+1.0}{0.0856} = 11.68^\circ$$