Mechanism of Transaldolase

General Overall Reaction

Transfer of 3-C unit from ketose to aldose

$$\begin{array}{c} \text{CH}_2\text{OH} \\ \text{C} = \text{O (ketose)} \\ \text{HO} = \text{C} = \text{OH} \\ \text{H} = \text{C} = \text{OH} \\ \text{R}_1 \end{array}$$

Mechanism of Transketolase

General Overall Reaction

Transfer of 2-C unit from ketose to aldose