

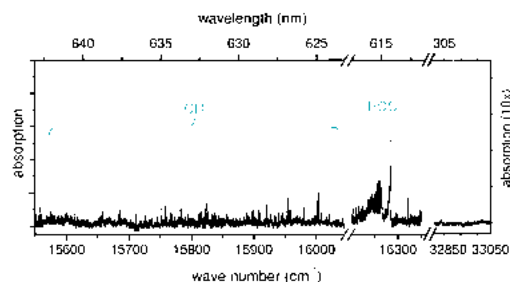
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Reaction	
R1	$\text{CH}_3\text{OCH}_3 + \text{CH}_3 = \text{CH}_3\text{OCH}_2 + \text{CH}_4$
R2	$\text{C}_2\text{H}_3 + \text{O}_2 = \text{CH}_2\text{CHO} + \text{O}$
R2	$\text{C}_2\text{H}_3 + \text{O}_2 = \text{CH}_2\text{CHO} + \text{O}$
R3	$\text{C}_2\text{H}_2 + \text{O} = \text{HCCO} + \text{H}$
R4	$\text{C}_2\text{H}_2 + \text{O} = \text{CH}_2 + \text{CO}$
R5	$\text{CH}_3 + \text{OH} = \text{CH}_2\text{O} + \text{H}_2$
R6	$\text{CHO} + \text{M} = \text{CO} + \text{H} + \text{M}$
R7	$\text{C}_3\text{H}_8 (+\text{M}) = \text{C}_2\text{H}_5 + \text{CH}_3 (+\text{M})$
R8	$\text{CH}_3\text{OCH}_3 (+\text{M}) = \text{CH}_3 + \text{CH}_3\text{O} (+\text{M})$
R9	$\text{CH}_3 + \text{O} = \text{CH}_2\text{O} + \text{H}$
R10	$\text{C}_3\text{H}_3 + \text{C}_3\text{H}_3 = \text{C}_6\text{H}_6$
R11	$\text{HOCHO} (+\text{M}) = \text{CO} + \text{H}_2\text{O} (+\text{M})$
R12	$\text{HOCHO} (+\text{M}) = \text{CO}_2 + \text{H}_2 (+\text{M})$

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