4. The compound with the structural formula shown below smells like apricots:

$$\mathsf{CH_{3}} -\!\!\!\!- \mathsf{CH_{2}} -\!\!\!\!- \mathsf{CH_{3}}$$

Which of the following is true for this compound?

	Name of compound	Organic reactants required to synthesise this compound
(a)	pentyl butanoate	pentanol and butanoic acid
(b)	butyl pentanoate	butanol and pentanoic acid
(c)	pentyl butanoate	butanol and pentanoic acid
(d)	butyl pentanoate	pentanol and butanoic acid