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`PPh₂ P(O)Ph₂

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more stable
$$O_2N$$
 O_2 O_2N O_3N O_4N O_4

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J. Santhosh Reddy, A. Ravi Kumar and B. Venkateswara Rao*

R = Ac, R' = H (+)-anisomycin R = R' = H (+)-deacetylanisomycin

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Ayhan S. Demir,* A. Cigdem Igdir and N. Batuhan Günay

$$R_1 \stackrel{\text{NH}_2}{\underset{R_2}{\longleftarrow}} + R_3 \stackrel{\text{O}}{\underset{R_1}{\longleftarrow}} Cl \stackrel{\text{Benzene/Et}_3N}{\underset{R_1}{\longleftarrow}} R_3 \stackrel{\text{N}}{\underset{R_1}{\longleftarrow}} R_2$$

A simplified synthesis of (R)-(-)-muscone using a ring-opening reaction of (R)-(+)- β -methyl- β -propiolactone

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Motoaki Morita, Nobuyuki Mase, Hidemi Yoda and Kunihiko Takabe*

Chiral (R)-muscone was constructed via ring-opening reaction of (R)-(+)- β -methyl- β -propiolactone with functionalized organocuprate with almost no loss of optical purity.

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