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R = aryl, heteroaryl, alkyl
X = O, S

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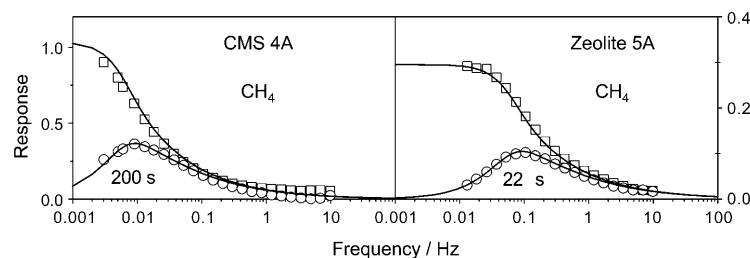
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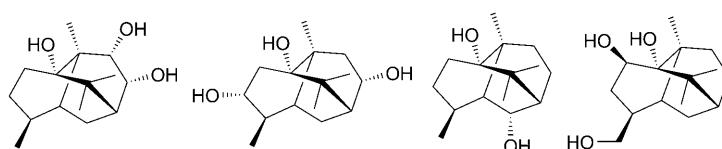
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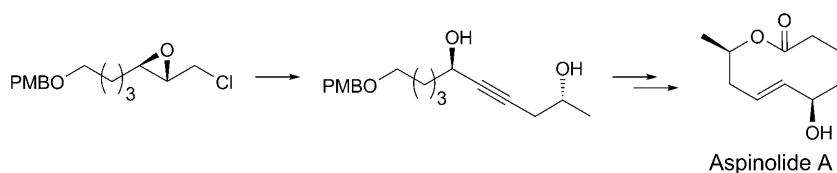
Aspinolide A

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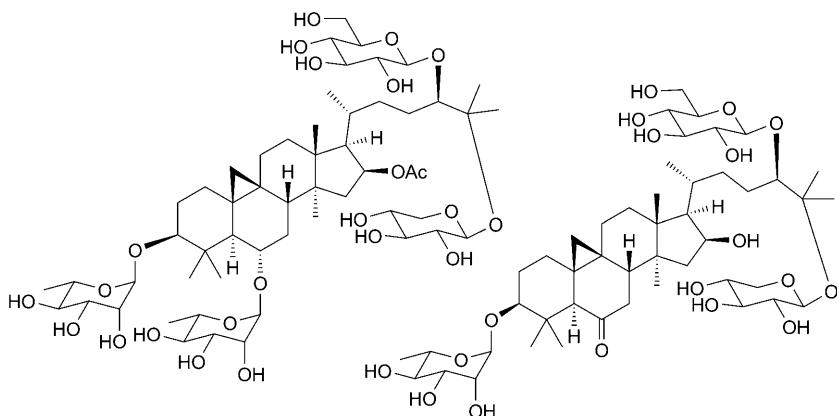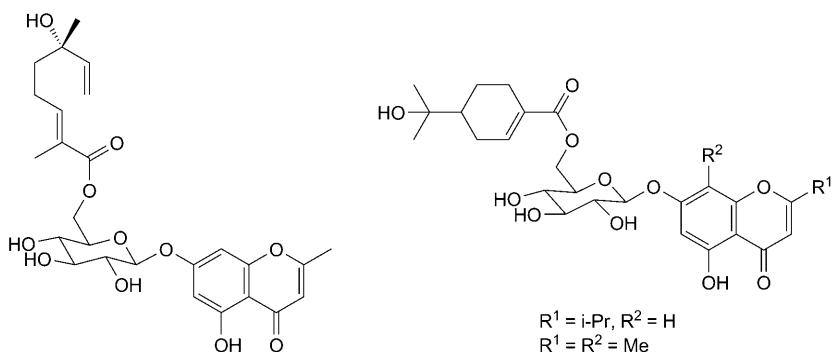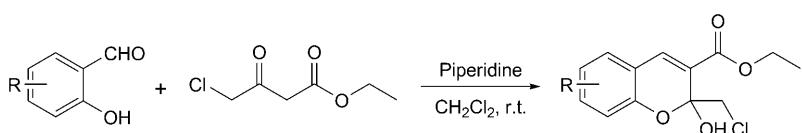
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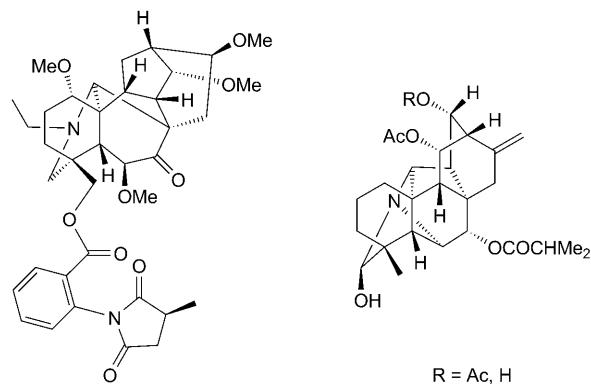
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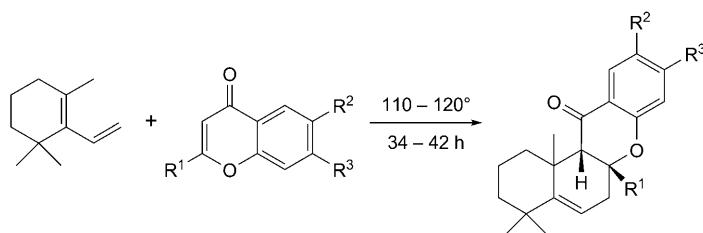
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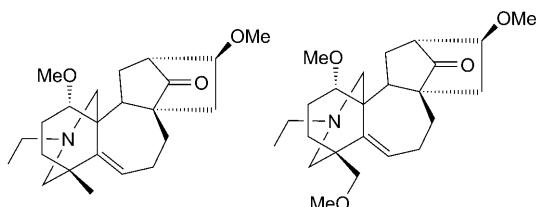
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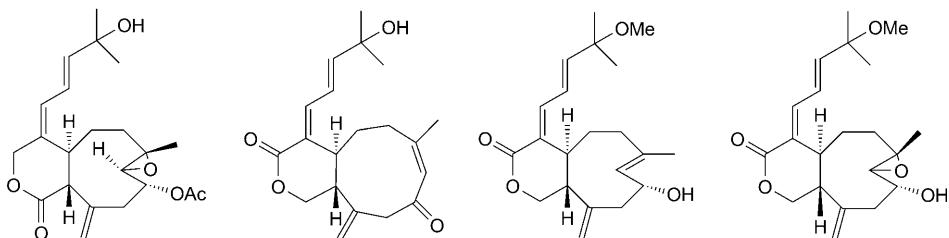
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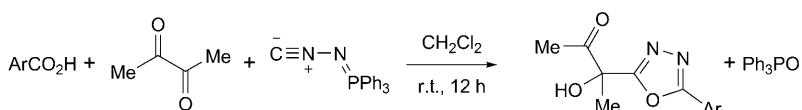
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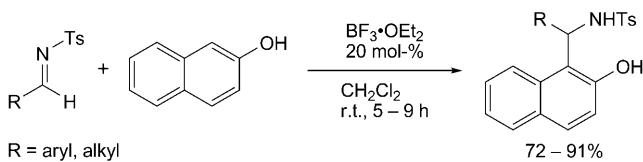
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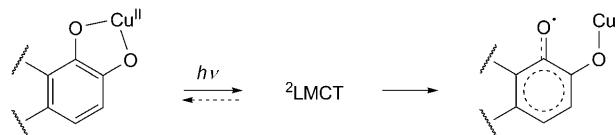
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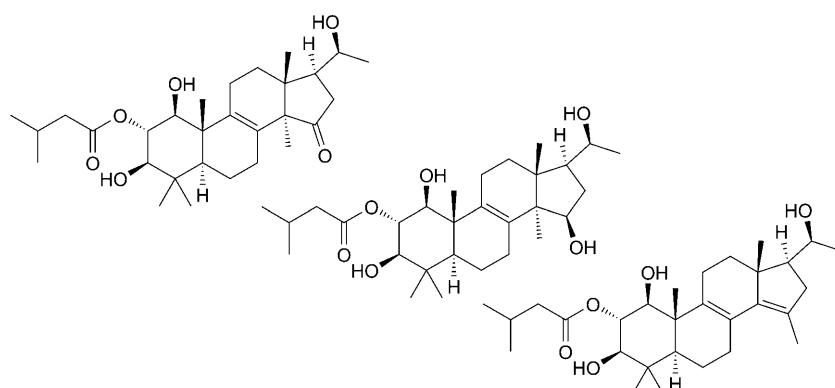
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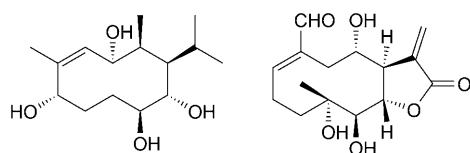
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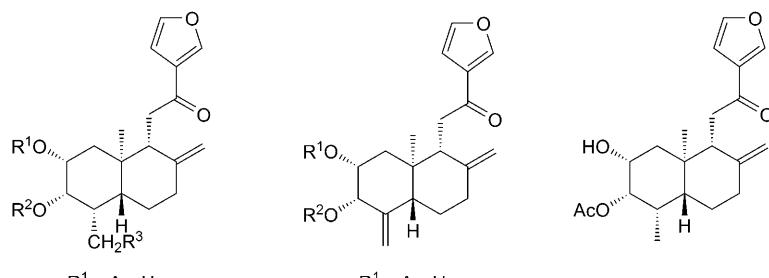
R¹ = Ac, H
R² = Ac, H
R³ = Ac, H

R¹ = Ac, H
R² = Ac, H

	carbonyl	by-products
naphthalen-2-yl		
R' = Me	93 to 100%	0%
R' = H	0 to 97%	3 to 20%
Ph		
R' = Me	69 to 97%	3 to 23%
R' = H	0%	7 to 11%

R or R–R = Me, (CH₂)₂, (CH₂)₃
R' = H, Me

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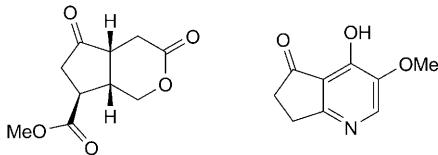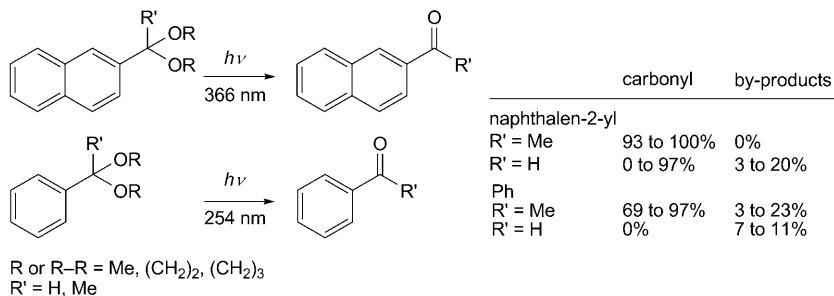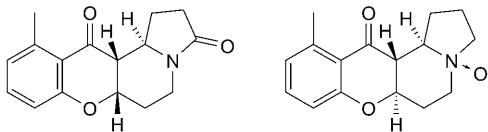
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