

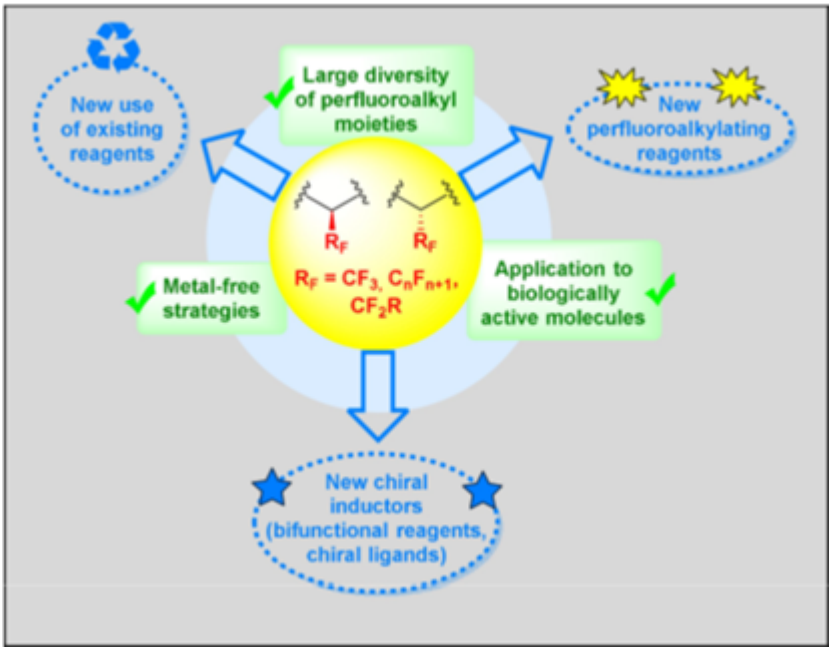
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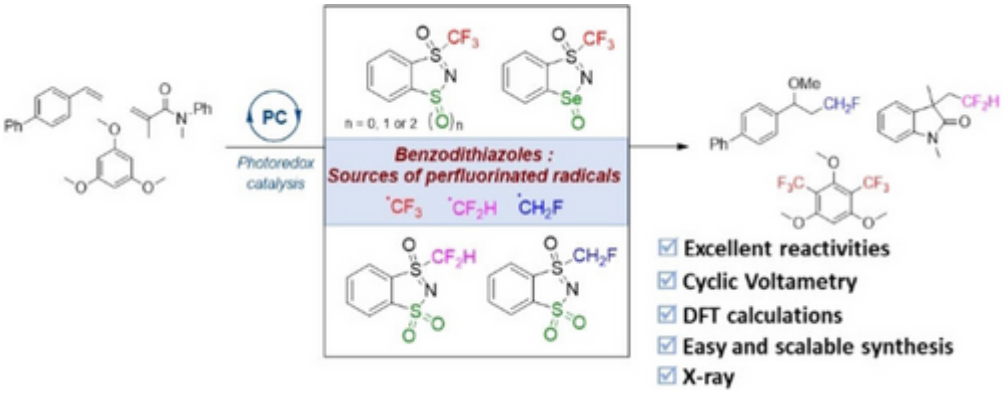


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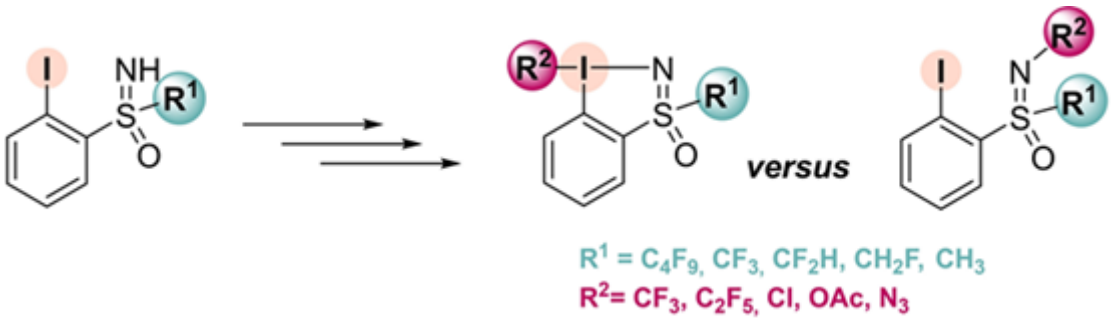


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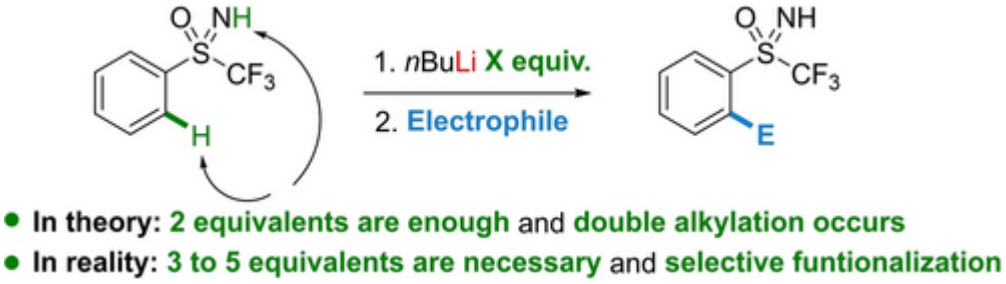


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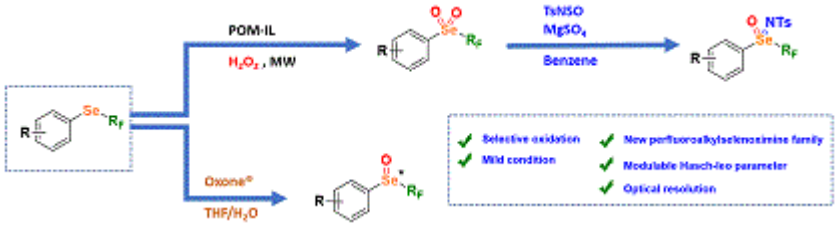


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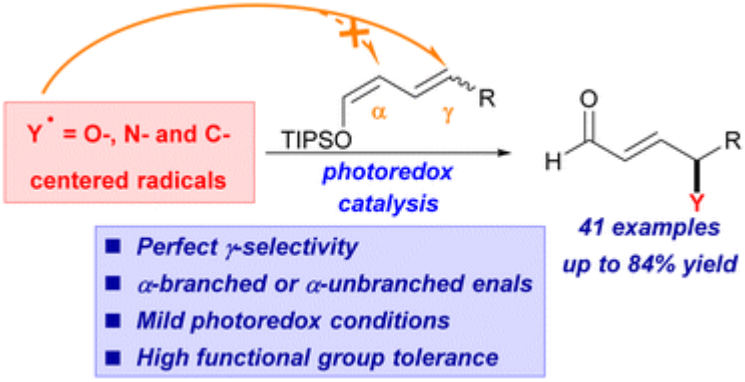


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Y• = O-, N- and C-centered radicals
TIPSO
α
γ
R
photoredox catalysis
O
H
R
Y
41 examples
up to 84% yield
Perfect γ-selectivity
α-branched or α-unbranched enals
Mild photoredox conditions
High functional group tolerance