

Special Issue: A. Ian Scott Memorial Special Issue, Part I

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Progress in bioorganic and natural products chemistry: A tribute to A. Ian Scott

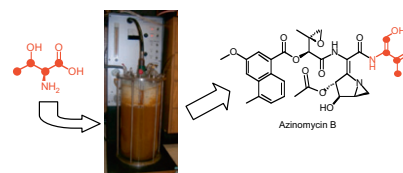
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Christian P. Whitman *

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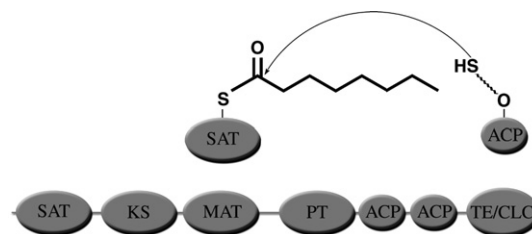
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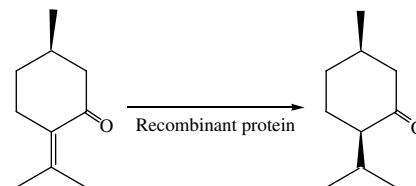
Jason M. Crawford, Anna L. Vagstad, Kenneth C. Ehrlich, Craig A. Townsend *



An enone reductase from *Nicotiana tabacum*: cDNA cloning, expression in *Escherichia coli*, and reduction of enones with the recombinant proteins pp 26–31

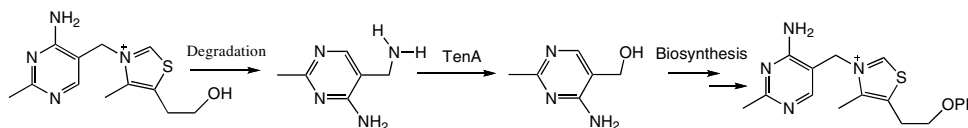
Akihito Matsushima, Yuya Sato, Miki Otsuka, Takayoshi Watanabe, Hiroaki Yamamoto, Toshifumi Hirata^{*}

cDNA cloning and expression of these reductases in *Escherichia coli* were performed. The recombinant enone reductase catalyses the hydrogenation of the exocyclic C–C double bond of enones, such as pulegone.



Mutagenesis studies on TenA: A thiamin salvage enzyme from *Bacillus subtilis* pp 32–35

Amy L. Jenkins, Yang Zhang, Steven E. Ealick,^{*} Tadhg P. Begley^{*}



A mechanism for the TenA catalyzed reaction is described based on mutagenesis studies and on structures of the enzyme product complex.

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