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**(12) United States Patent**  
**Laine et al.****(10) Patent No.: US 7,498,440 B2**  
**(45) Date of Patent: \*Mar. 3, 2009****(54) MUSCARINIC ACETYLCHOLINE  
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This patent is subject to a terminal disclaimer.

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**C07D 453/02** (2006.01)  
**A61K 31/44** (2006.01)**(52) U.S. Cl. .... 546/133; 514/305****(58) Field of Classification Search .... 546/133; 514/305**

See application file for complete search history.

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Muscarinic Acetylcholine Receptor Antagonists and methods of using them are provided.

**49 Claims, No Drawings**