

## COVER PICTURE

**The cover picture shows** a photograph of lightning branching itself from the sky to the earth. This is one of many examples in Nature where branching leads to special events. In the dendrimer-to-dendrimer system shown, one branch serves as the starting point for a new dendrimer system, one of whose branches continues again, similar to the traveling of lightning. This elongated dendrimer-to-dendrimer system may provide additional organization of dendrimeric (NLO) ligands. We thank Dr. Edwin van den Worm for providing us with this strike-of-lightning idea. Details of the synthesis are described in the article by A. J. Brouwer and R. M. J. Liskamp on p. 487 ff.

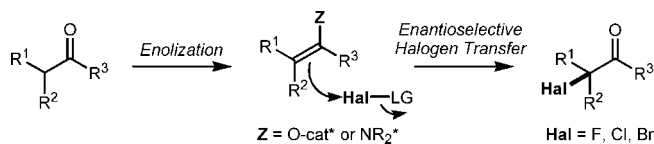


## MICROREVIEW

### Contents

#### 475 S. France, A. Weatherwax, T. Lectka\*

Recent Developments in Catalytic, Asymmetric  $\alpha$ -Halogenation: A New Frontier in Asymmetric Catalysis



**Keywords:** Asymmetric catalysis / Enantioselectivity / Enols / Halogenation / Synthetic methods