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## NEW CHIRAL ELECTROPHILIC SELENIUM REAGENTS: SYNTHESIS AND STRUCTURAL INVESTIGATION

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## Synthesis and Synthetic Applications



entry	<b>R</b> *	Yield %
a		70
b		60

The diselenide **2** was purified by crystallization and easily converted into 2,2'diselenobisbenzoates **3a,b** by treatment in the stereospecific Mitsunobu conditions with two optically pure alcohols the menthol, and the isopropyl-lactate respectively.

The methoxyselenenylation of styrene afforded the selenide **5** in good yield and moderate diastereomeric excess.



## S-O interaction by <sup>77</sup>Se Chemical Shifts

