



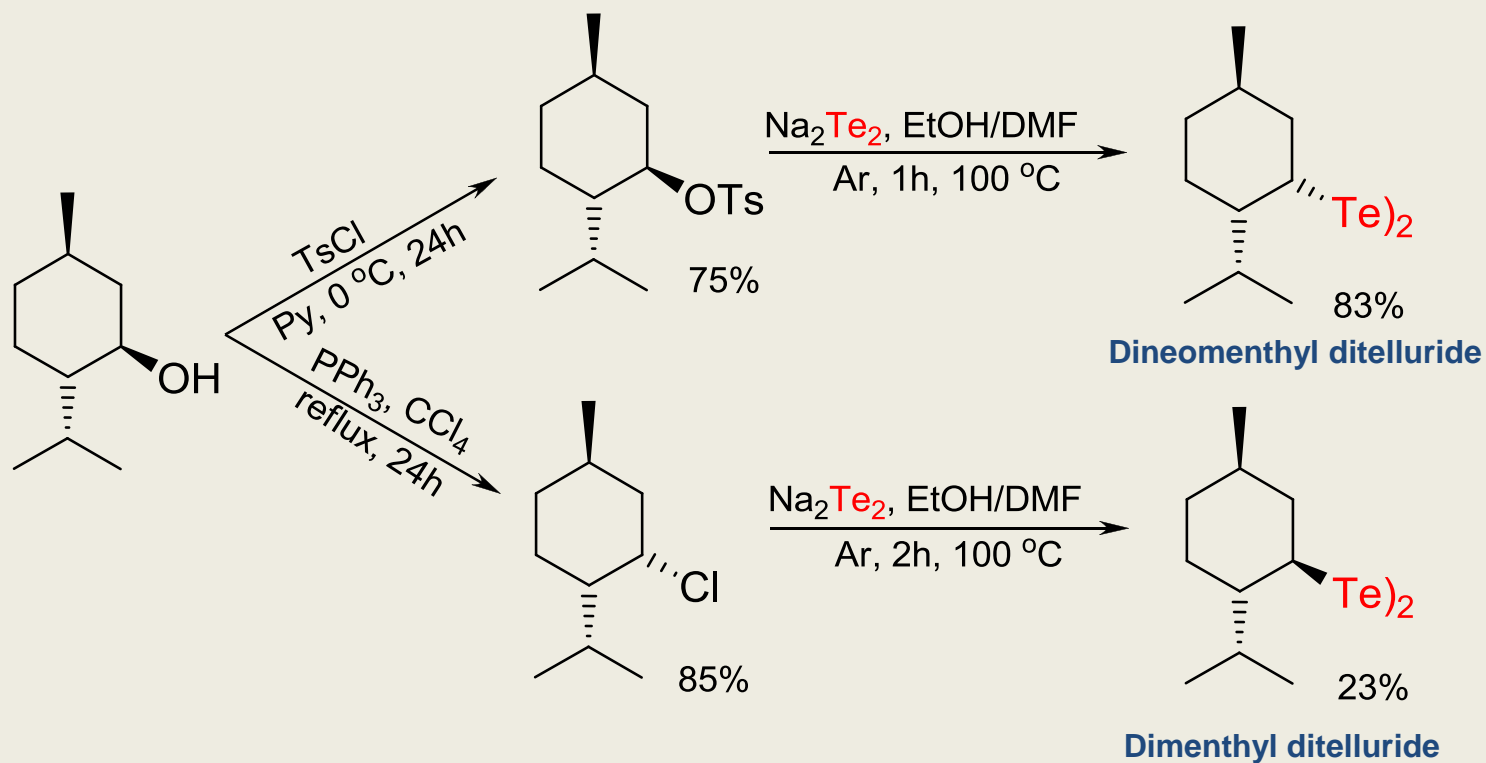
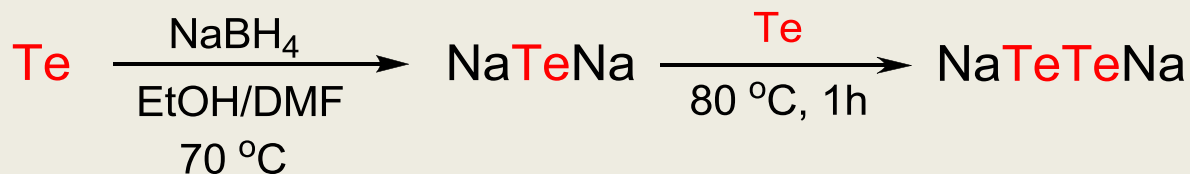
Department of Organic Chemistry  
Nicolaus Copernicus University, Torun, Poland



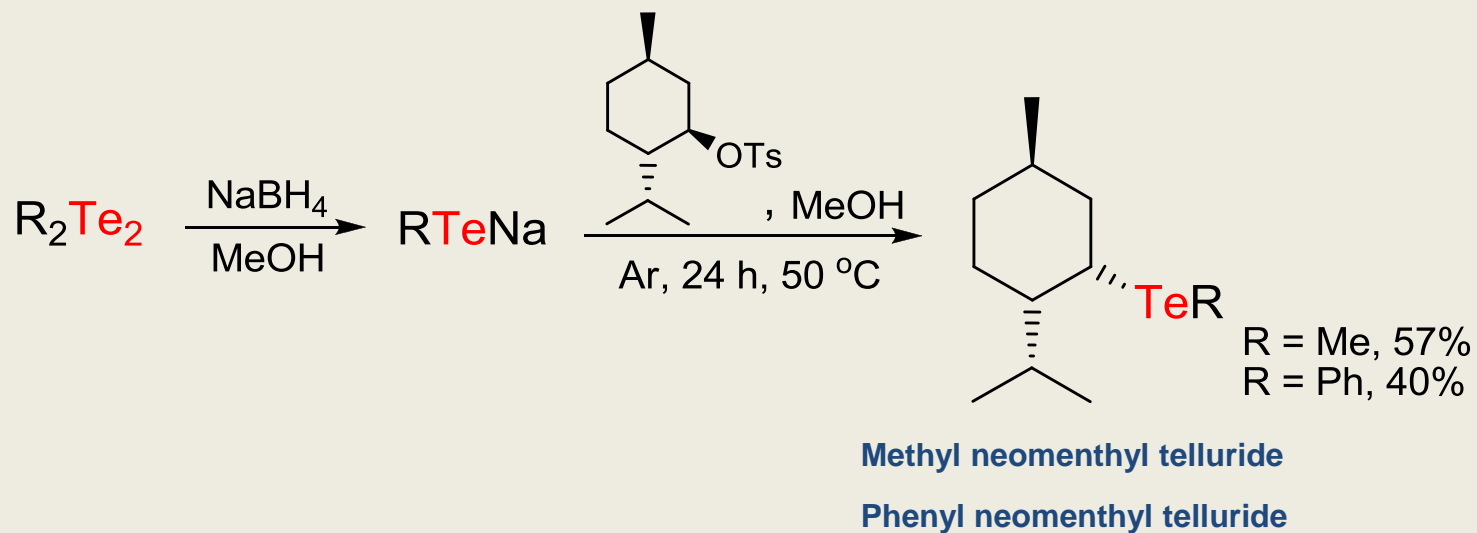
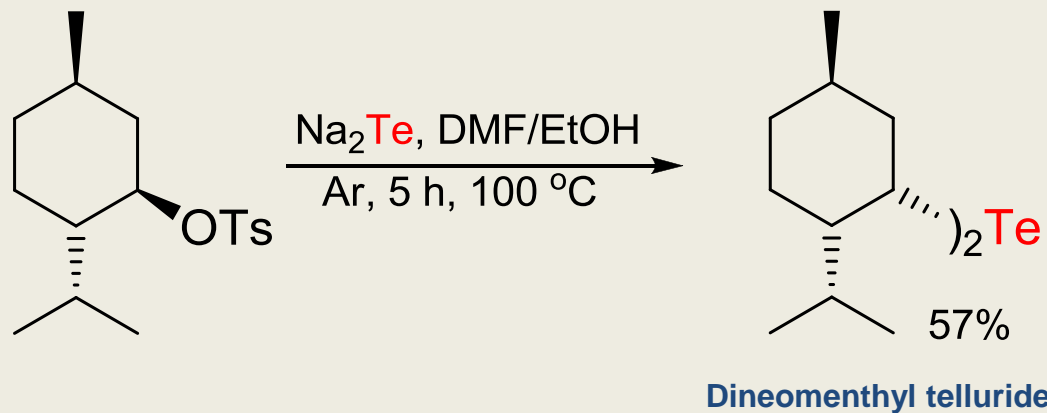
# Synthesis and Reactions of New Tellurium-substituted Terpenyl Compounds

Jacek Ścianowski, Anna Banach and Agata Pacuła

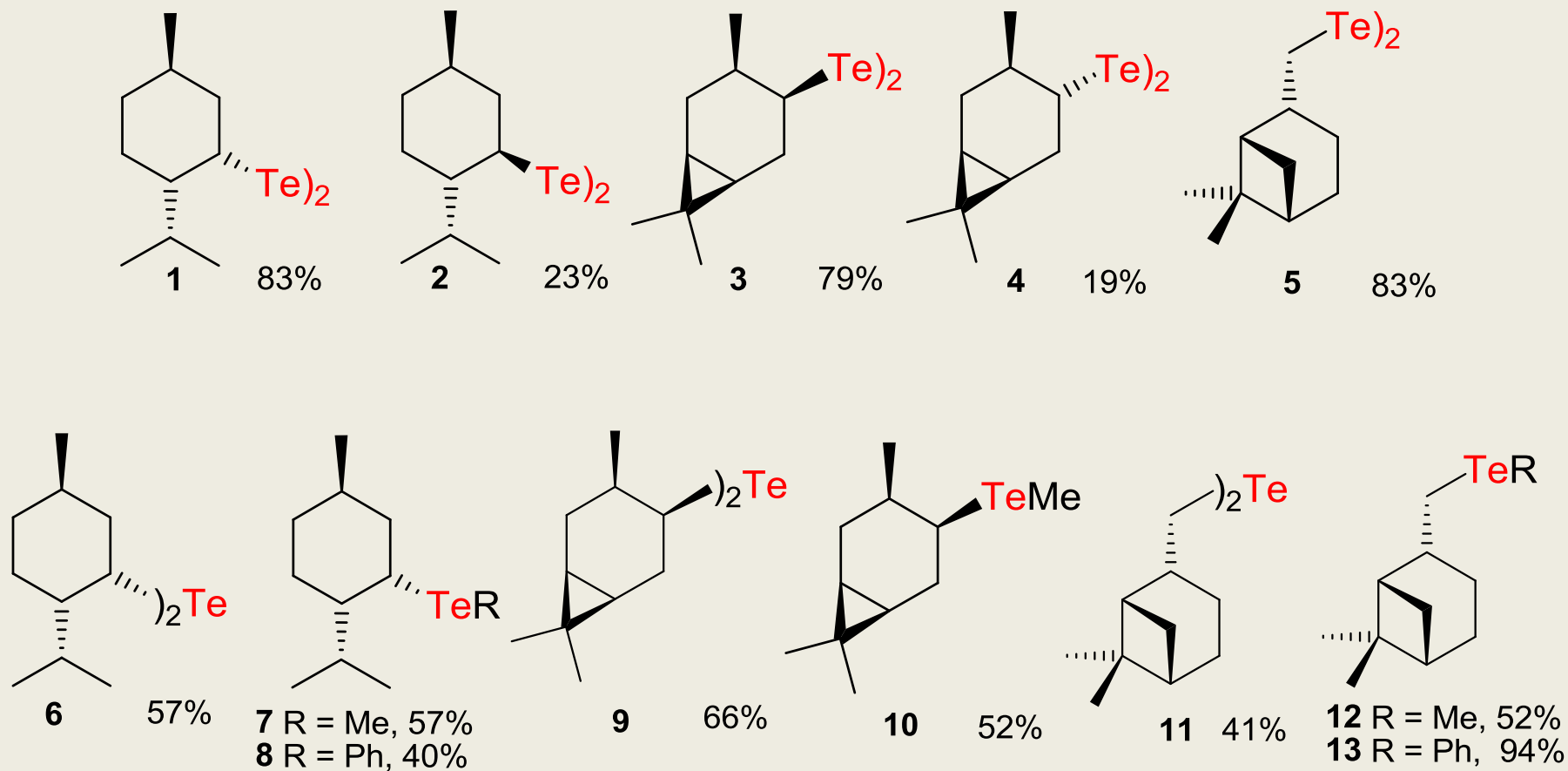
# Synthesis of dineomenthyl ditelluride and dimethyl ditelluride



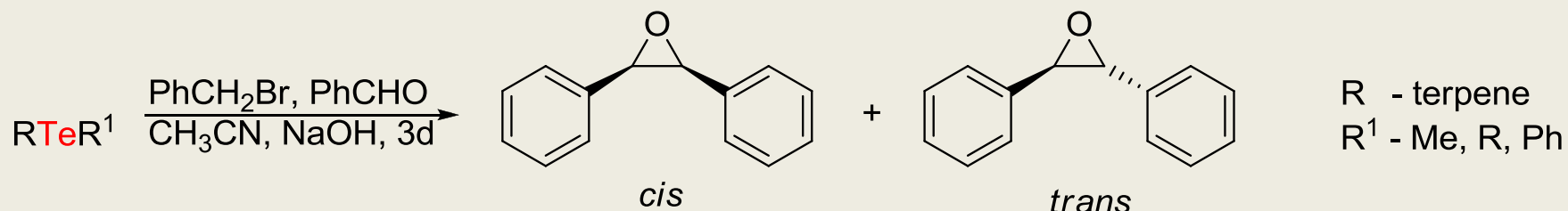
# Synthesis of menthyl tellurides



# Obtained ditellurides and tellurides



## Results of asymmetric epoxidation



Entry	Telluride	Yield [%]	<i>Cis/trans</i> [%]	<i>Ee</i> [%]
1	<b>6</b>	9	50/50	16 ( <i>S,S</i> )
2	<b>7</b>	40	44/56	36 ( <i>S,S</i> )
3	<b>8</b>	13	39/61	36 ( <i>S,S</i> )
4	<b>9</b>	47	11/89	68 ( <i>S,S</i> )
5	<b>10</b>	5	9/91	10 ( <i>S,S</i> )
6	<b>11</b>	22	59/41	6 ( <i>R,R</i> )
7	<b>12</b>	22	59/41	6 ( <i>R,R</i> )
8	<b>13</b>	10	9/91	4 ( <i>R,R</i> )