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Synthesis of novel ring-contracted artemisinin dimers with potent anticancer activities

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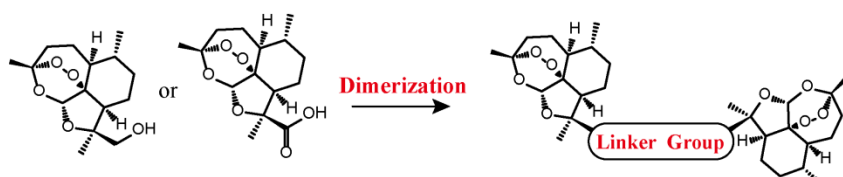
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Ring-contracted artemisinins

Compound **8b** PC12  $IC_{50} = 1.56\mu\text{M}$   
Exhibite improved anticancer activities over artemisinin  
Arrested cell cycle at G1 phase  
Induced cell apoptosis  
Improved metabolic stability

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