



Significance: Shi, Hou, Tu and co-workers report the total synthesis of phomopsene, methyl phomopsenonate, and *iso*-phomopsene. These natural products feature a 5/5/6/5 tetracyclic skeleton. The authors revised the structure of *iso*-phomopsene in this work.

Comment: Key to success is an InCl₃-catalyzed Nazarov cyclization of dicyclobutane K followed by Wagner–Meerwein rearrangements to afford tetra-cycle M. Ring expansion via Beckmann fragmentation completed the carbocyclic framework.