

Nonetheless, and despite several impressive efforts, the isomalabaricanes have yet to succumb to total synthesis in the 38 years since their first isolation.

This is perhaps due to the complexity of their trans-syn-trans perhydrobenzindene core, whose imposing strain and unorthodox boat-boat conformation stymies many of the traditional synthetic techniques for constructing polycyclic terpene systems.

Rhabdastrellic acid A (1) and stelletin E (2) are among the flagship members of the isomalabaricane triterpenoids, a rare family of marine natural products that continue to attract attention for their remarkably specific antitumor properties.

Rautenstrauch Cycloisomerization







