



Showcasing research from Professor Yujiro Hoshino and Professor Kenta Tanaka's laboratory, Yokohama National University, Tokiwadai, Hodogaya-ku, Yokohama 240-8501, JAPAN.

Synthesis of sulfur- and oxygen-bridged cationic [4]-helicenes mediated by Friedel-Crafts- $S_NAr$  tandem reactions for red-light-driven organophotoredox catalysis

The synthesis of sulfur- and oxygen-bridged cationic [4]-helicenes *via* a tandem Friedel-Crafts- $S_NAr$  reaction has been developed. The sulfur-bridged cationic [4]-helicenes are suitable as catalysts for photoredox reactions under low-energy light sources such as red LED light.

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See Isao Kadota, Kenta Tanaka, Yujiro Hoshino *et al.*, *Chem. Commun.*, 2026, **62**, 8404.