

# NANO · MICRO small



## Covalent–Organic Frameworks

Transition metal catalyzed carbon–hydrogen functionalization imparts a paradigm shift in the complex target synthesis, including pharmaceutical and material science applications. To establish structure–function–property relationship of covalent organic frameworks, palladium docked dual-pore COFs with controllable bipyridine content exhibit regioselective C–H to C–X (X = Cl, Br, I) and C–O functionalization, and compared with single pore framework. This protocol presented by Shengqian Ma and co-workers (article number 2003970) features high efficiency, remarkable reusability, and recyclability.