Highly Enantioselective Addition of Allyltrime thylsilane to Aldehydes

**Significance:** List and co-workers report the first general, highly enantioselective, organocatalytic addition of allyltrime thylsilane to aldehydes (the Hosomi–Sakurai reaction). This transformation is enabled by newly developed highly confined imido- diphosphorimidates (IDPi). Various aromatic and aliphatic aldehydes are tolerated under the reaction conditions, affording the desired products in good to excellent yields and enantioselectivities (er ≤ 98:2).

**Comment:** The IDPi motif, which can be accessed by a single-flask synthesis from 3,3′-disubstituted BINOL derivatives, is a combination of the recently developed highly confined imidodiphosphates (*Nature* 2012, 483, 315) and highly acidic BINOL-derived phosphoramidimidates (*Synlett* 2016, 27, 156).