

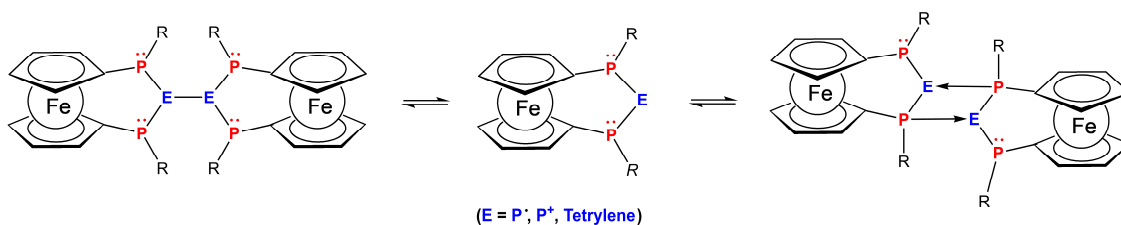
HETEROCARBENES EMBEDDED INTO STEREOCHEMICALLY DEFINED PHOSPHA-FERROCENOPHANES

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[*n*]Ferrocenophanes in which the two rings of a ferrocene unit are connected via an *n*-atomic bridge may serve as scaffold for accommodating reactive and unsaturated main-group element species. Since the phosphorus atoms act as stereo-centers, a special focus is set on their stereochemical alignment with the aim to achieve stereo-control in such compounds.[1] Embedding unsaturated element centers such as radicals,[2] tetrylenes,[3, 4] or phosphonium cations [5, 6] within the *ansa*-bridge gives rise to unusual properties and reactivities owing to the only moderate stabilization exerted by the adjacent phosphanyl groups.[7-9] Consequently they are more electrophilic and reactive than their bisamino substituted counterparts.



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