



**Showcasing research from Professor Xie's laboratory,
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Metallaaromaticity involving a d^0 early transition
metal centre: synthesis, structure, and aromaticity of
tantallapyridinazirine complexes

Though late transition metal aromatic metallabenzenes and
related heteroatom-containing analogues have been well
studied, the corresponding aromatic early transition metal
complexes remain elusive. This paper describes the synthesis
of aromatic, planar, and delocalised organotantallapyridinium
complexes, which represents a class of long-sought-after
molecules.

As featured in:



See Zhenyang Lin, Zuwei Xie *et al.*,
Chem. Sci., 2024, **15**, 7943.