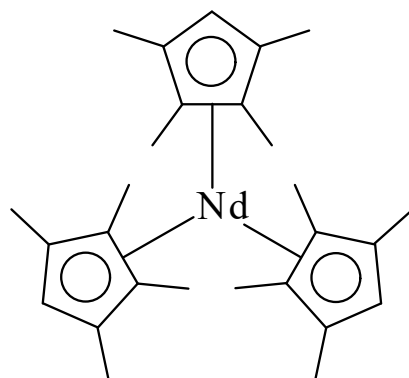




>>Entry Name: Tris[(1,2,3,4,5-η)-1,2,3,4-tetramethyl-2,4-cyclopentadien-1-yl]neodymium, ¹³Cl



CAS Registry Number: 164528-22-7

Molecular Formula: C₂₇H₃₉Nd

Molecular Weight: 507.845

Accurate Mass: 505.212894

Percentage Composition: C 63.86%; H 7.74%; Nd 28.40%

Source/Synthesis: Synth. from NdCl₃(THF)₂ and Na(C₅Me₄H) in THF

Physical Description: Air- and moisture-sensitive violet cryst.

Boiling Point: Subl._{0.08} 195°

Solubility: Sol. C₆H₆, THF, toluene

References:

Schumann, H. *et al.*, *Z. Anorg. Allg. Chem.*, 1995, **621**, 341, (*synth, pmr, ms*)