

U@C36. Is there enough room for a second uranium?

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The feasible obtention of U₂@C₃₆ as a small endohedral bimetallofullerene is evaluated. Our analysis indicates that U₂@C₃₆ is a plausible candidate with a U-U bond length of 2.27 Å. The current observation opens the quest for the hypothetical prediction of other small endohedral bimetallofullerenes and their possible experimental characterization. © The Royal Society of Chemistry 2018.