

## New Carbon Nanostructures As Drug Vectors

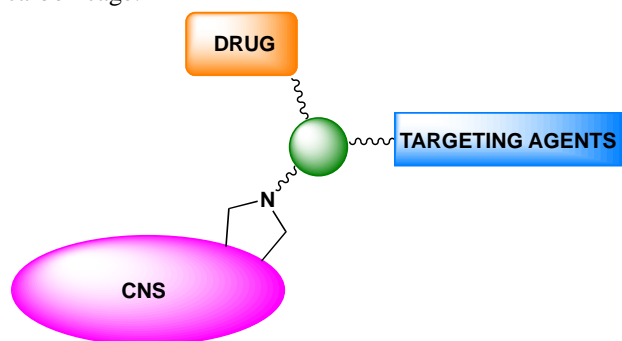
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Carbon nanostructures can be useful scaffolds in the preparation of new drug delivery systems.<sup>1</sup> To combine the presence of drugs and targeting moieties on the vector, it is convenient to use a branched structure in which the introduction of the appendages can be perfectly controlled. For this purpose we exploited the introduction of heterocycles, linking targeting agent and drugs, on the carbon cage.



The cellular uptake and biological activity of this new derivative will be tested *in vitro*.

1 A. Montellano, T. Da Ros, A. Bianco and M. Prato, *Nanoscale*, **2011**, 3, 4035–4041; C. Fabbro, A. Ali-Boucetta, T. Da Ros, K. Kostarelos, A. Bianco, M. Prato, *Chem. Commun.* **2012**, 48, 3911–43926.