

The image displays a chemical structure of a complex organic molecule. The central feature is a nitrogen atom (N) bonded to two large, polycyclic aromatic systems. The left system consists of a benzene ring fused to a five-membered ring, which is further fused to another benzene ring. The right system is a more complex polycyclic aromatic hydrocarbon (PAH) structure, featuring multiple fused benzene rings. The entire molecule is rendered with a color-coded bond scheme, where different colors represent different bond types or environments. The x-axis at the bottom is labeled with numerical values: 500, 1000, 1500, 2000, and 2500.

