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Bilaterally substituted p-terphenyl molecules ...

... reproduce the interactions of an α -helix of the HIV-1 protein Rev with its RNA receptor and block Rev function and virus replication. In their Communication on page 13405 ff., J. Alcamí, S. Fustero, and J. Gallego et al. report the structure-based design of p-terphenyl molecules that inhibit the Rev-mediated transport of HIV-1 RNA from the nucleus to the cytoplasm by binding to the RNA loop that is recognized by Rev (image prepared with the help of M.C. Ibáñez).



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