

## Crystal structure of 6,12-diphenyl-1(4-tolyl)-11-aza-tetracyclo[4.4.2.0<sup>2,5</sup>.0<sup>7,10</sup>]dodeca-3,8,11-triene, (C<sub>4</sub>H<sub>4</sub>)CNCC(C<sub>4</sub>H<sub>4</sub>)(C<sub>6</sub>H<sub>4</sub>CH<sub>3</sub>)(C<sub>6</sub>H<sub>5</sub>)<sub>2</sub>

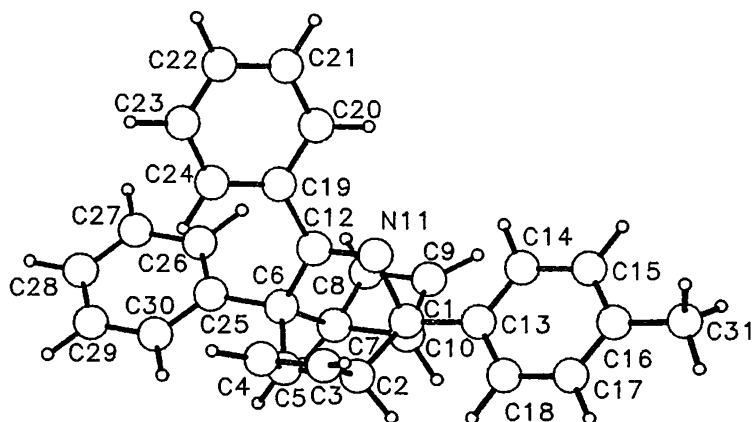
M. Vey, H. Neunhoeffler, S. Foro and H.-J. Lindner

Institut für Organische Chemie, Technische Hochschule Darmstadt, Petersenstr. 22, W-6100 Darmstadt

and H. Paulus and I. Svoboda

FB Materialwissenschaft, FG Strukturforschung, Technische Hochschule Darmstadt, Petersenstr. 20, W-6100 Darmstadt

(Received June 2, 1992)



Source of material: Preparation by vacuum-pyrolysis of 10,20-diphenyl-1-(4-tolyl)-19-aza-octacyclo[8.8.2.2<sup>4,7</sup>.2<sup>13,16</sup>.0<sup>2,9</sup>.0<sup>3,8</sup>.0<sup>11,18</sup>.0<sup>12,17</sup>]tetracos-5,14,19,21,23-pentaene-5,6,14,15-tetracarboxylic acid tetramethylester  
All hydrogen atoms are geometrically positioned.

Orthorhombic, *Pbca* (no 61), *a* = 23.262(8), *b* = 16.559(5), *c* = 11.590(4) Å, *V* = 4464.4 Å<sup>3</sup>, *Z* = 8, *R* = 0.049.