

## **Benzo-18-krone-6 – Acetonitril (1/2): Kristallisation und Tieftemperatur- Röntgenstrukturanalyse**

Benzo-18-crown-6 – Acetonitrile (1/2):  
Crystallization and Low-Temperature  
X-Ray Analysis

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Z. Naturforsch. **53b**, 1528–1530 (1998);  
eingegangen am 30. Juli 1998

Benzo-18-crown-6 – Acetonitrile (1/2),  
Crystal Structure

Single crystals of the title complex resulted fortuitously during an attempt to co-crystallise  $\text{MeN}(\text{SO}_2\text{Me})_2$  with benzo-18-crown-6 from an MeCN solution at  $-30\text{ }^\circ\text{C}$ . The crystal structure has been determined *via* data collection at  $-100\text{ }^\circ\text{C}$  (monoclinic, space group  $\text{P}2_1/n$ ,  $Z = 4$ ). The nitrile molecules are located with their methyl groups above and below the plane of the 18-membered crown ring, the Me hydrogen atoms being rotationally disordered about the MeCN axes; C(methyl)⋯O(crown) distances range from 309.4(3) to 384.9(3) pm.

\* Sonderdruckerfordernungen an Prof. Dr. A. Blaschette  
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