



Unusual slow magnetic relaxation in a mononuclear copper(II) complex

Autorzy

Dušan Valigura

Cyril Rajnák

Jan Titiš

Jan Moncol

Alina Bieńko

Roman Boča

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Streszczenie

A hexacoordinate Cu(II) complex with the {CuO₄O'N} donor set shows an intermolecular π - π stacking owing to which a 1D-chain structure is formed. The DC magnetic data at low temperature are consistent with the Curie law. The AC susceptibility shows a field supported slow magnetic relaxation that survives up to 7 K. The relaxation time at $T = 2.0$ K and $B_{DC} = 0.2$ T is $\tau = 0.23$ ms and it increases at $B_{DC} = 0.6$ T to $\tau = 2.9$ ms.

Adres publiczny

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Strona internetowa wydawcy

<https://www.rsc.org/>