

Triaquatris(?-oxydiacetato)europium(III)-lanthanum(III) pentahydrate

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The new heterobimetallic complex $[\{LaEu(oda)_3(H_2O)_3 \cdot 5H_2O\}_n]$ (oda = $-O_2CCH_2OCH_2CO_2^-$) has been synthesized and structurally characterized. Three tridentate oda ligands are coordinated to the smaller Eu(III) cation, while six adjacent outer carboxylate O atoms and three metal-bound water O atoms are bonded to the larger La(III) cation. The structure consists of a three-dimensional network with the metal centers bridged by oda carboxylate groups, with Eu-La separations of 6.95 (1) Å.