



Synthesis growth and optical properties of semi organic non linear optical single crystal

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Auteur	Bouchouit, K. [1], Kouissa, B. [2], Migalska-Zalas, Anna [3], Brihi, N. [4], Sahraoui, Bouchta [5]
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Résumé en anglais	A new and efficient semi organic nonlinear optical crystal from the amino acid family has been grown by slow evaporation technique from aqueous solution. The crystals structures were solved by direct methods using SIR92 (WINGX) and refined by a full matrix least-square method using SHELXL97. All this compounds crystallized in noncentrosymmetric groups. Second harmonic generation measurements were performed by applying the Kurtz and Perry model, to powder samples of compounds at 1,064 nm.
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Liens

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