## Accepted Manuscript

Evaluation of hydrogen-bonding distance in organic nonlinear optical crystals for highoutput terahertz-wave generation

Takeshi Matsukawa, Akinori Hoshikawa, Yoshihisa Ishikawa, Toru Ishigaki

PII: S0022-2860(17)30026-1

DOI: 10.1016/j.molstruc.2017.01.025

Reference: MOLSTR 23330

To appear in: Journal of Molecular Structure

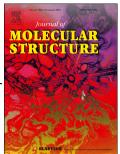
Received Date: 22 August 2016

Revised Date: 4 January 2017

Accepted Date: 5 January 2017

Please cite this article as: T. Matsukawa, A. Hoshikawa, Y. Ishikawa, T. Ishigaki, Evaluation of hydrogen-bonding distance in organic nonlinear optical crystals for high-output terahertz-wave generation, *Journal of Molecular Structure* (2017), doi: 10.1016/j.molstruc.2017.01.025.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Evaluation of Hydrogen-Bonding Distance in Organic Nonlinear Optical Crystals for High-

Output Terahertz-Wave Generation

Takeshi Matsukawa,<sup>a,\*</sup> Akinori Hoshikawa,<sup>a</sup> Yoshihisa Ishikawa,<sup>b</sup> and Toru Ishigaki<sup>a</sup>

<sup>a</sup> Frontier Research Center for Applied Atomic Sciences, Ibaraki University, 162-1 Shirakata, Tokai, Ibaraki 319-1106, Japan

<sup>b</sup> Institute of Material Structure Science, KEK tokai, 203-1 Shirakata, Tokai, Ibaraki 319-1106, Japan

\*Corresponding Author: Takeshi Matsukawa

Frontier Research Center for Applied Atomic Sciences, Ibaraki University, 162-1 Shirakata, Tokai, Ibaraki 319-1106, Japan.

Tel: +81-29-352-3234; Fax: +81-29-287-7872, E-mail: takeshi.matsukawa.ifrc@vc.ibaraki.ac.jp

Keywords

Organic nonlinear optical crystal, X-ray diffraction, Neutron diffraction, maximum-entropy method

Download English Version:

## https://daneshyari.com/en/article/5160771

Download Persian Version:

https://daneshyari.com/article/5160771

Daneshyari.com