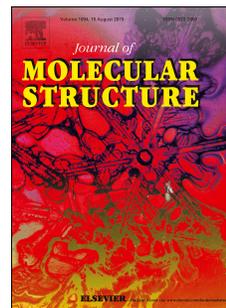


# Accepted Manuscript

Do amino acids prefer only certain backbone structures? Steering through the conformational maze of L-threonine using matrix isolation infrared spectroscopy and *ab initio* studies

Pankaj Dubey, Anamika Mukhopadhyay, K.S. Viswanathan



PII: S0022-2860(18)30885-8

DOI: [10.1016/j.molstruc.2018.07.066](https://doi.org/10.1016/j.molstruc.2018.07.066)

Reference: MOLSTR 25471

To appear in: *Journal of Molecular Structure*

Received Date: 4 January 2018

Revised Date: 21 July 2018

Accepted Date: 23 July 2018

Please cite this article as: P. Dubey, A. Mukhopadhyay, K.S. Viswanathan, Do amino acids prefer only certain backbone structures? Steering through the conformational maze of L-threonine using matrix isolation infrared spectroscopy and *ab initio* studies, *Journal of Molecular Structure* (2018), doi: 10.1016/j.molstruc.2018.07.066.

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.

**Do Amino Acids Prefer Only Certain Backbone Structures?**

**Steering through the Conformational Maze of L-Threonine using Matrix Isolation Infrared Spectroscopy and *Ab Initio* Studies**

Pankaj Dubey, Anamika Mukhopadhyay, K. S. Viswanathan

Department of Chemical Sciences, Indian Institute of Science Education & Research

Sector 81, Mohali 140306, Punjab, India

Download English Version:

<https://daneshyari.com/en/article/7806535>

Download Persian Version:

<https://daneshyari.com/article/7806535>

[Daneshyari.com](https://daneshyari.com)