

Accepted Manuscript

Investigation of inclusion complexation of acetaminophen with pillar [5]arene: UV–Vis, NMR and quantum chemical study

Natarajan Sathiyamoorthy Venkataramanan, Ambigapathy Suvitha, Ashiwini Vijayaraghavan, Subbiah Thamocharan



PII: S0167-7322(17)31942-6
DOI: doi: [10.1016/j.molliq.2017.06.095](https://doi.org/10.1016/j.molliq.2017.06.095)
Reference: MOLLIQ 7541

To appear in: *Journal of Molecular Liquids*

Received date: 5 May 2017
Revised date: 13 June 2017
Accepted date: 20 June 2017

Please cite this article as: Natarajan Sathiyamoorthy Venkataramanan, Ambigapathy Suvitha, Ashiwini Vijayaraghavan, Subbiah Thamocharan , Investigation of inclusion complexation of acetaminophen with pillar [5]arene: UV–Vis, NMR and quantum chemical study, *Journal of Molecular Liquids* (2017), doi: [10.1016/j.molliq.2017.06.095](https://doi.org/10.1016/j.molliq.2017.06.095)

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.

Submitted to : **Journal of Molecular Liquids**

Manuscript ID: MOLLIQ_2017_1791

Investigation of inclusion complexation of acetaminophen with
pillar[5]arene: UV-Vis, NMR and quantum chemical study

Natarajan Sathiyamoorthy Venkataramanan,^{a,b*}

Ambigapathy Suvitha,^a Ashiwini Vijayaraghavan,^a and Subbiah Thamotharan^c

^aDepartment of Chemistry,
School of Chemical and Biotechnology,
SASTRA University,
Thanjavur – 613 401.
India

^bCenter for Computational Chemistry and Materials Science (CCCMS),
SASTRA University,
Thanjavur – 613 401. India
Email: nsvenkataramanan@gmail.com; venkataramanan@scbt.sastra.edu
Tel: +91-4362-272946 ; Fax ; +91-4362-264-120.

^cBiomolecular Crystallography Laboratory,
Department of Bioinformatics,
School of Chemical and Biotechnology, SASTRA University,
Thanjavur 613 401, India

Download English Version:

<https://daneshyari.com/en/article/5408385>

Download Persian Version:

<https://daneshyari.com/article/5408385>

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