


Dr. Madhuri Tanaji Patil				
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Area of Interest: ➤ Organic Chemistry & Medicinal Chemistry				
Educational Details:				
Degree	University	Year	Percentage	Medal/Position
Ph. D.	University of Pune, Pune, Maharashtra	2013		Nil
M. Sc.	University of Pune, Pune, Maharashtra	2001	66	Nil
B. Sc.	University of Pune, Pune, Maharashtra	1999	73	Nil
Professional Details:				
Designation	From	To	Organization	
Assistant Prof.	July 2017	Till date	MCM DAV College for Women, Sector 36A, Chandigarh	
Assistant Prof.	July 2016	April 2017	DAV-10 College, Sector 10, Chandigarh	
Scientific Assistant	July 2015	June 2016	CIL, Deptt. of Chem. Panjab University, Chandigarh	
Assistant Prof.	July 2014	June 2015	DYPET, Pimpri, Pune	
Post-doctoral Researcher	May 2013	March 2014	The University of Kansas, USA	
Awards & Recognition: Nil				
Research Publications:				
Title	Journal	Refereed	Date & Year of Publication	Link
An efficient and scalable synthesis of potent TLR2 agonistic PAM ₂ CSK ₄	<i>RSC Adv.</i>	Yes	26/2/2018	https://pubs.rsc.org/en/content/articlelanding/2018/ra/c8ra01387j#!divAbstract
Design and Synthesis of New Lanosterol/Triazole Conjugates	<i>Panjab University Research Journal (Science)</i>	Yes	16/6/2017	https://www.researchgate.net/publication/328875514_Design_and_Synthesis_of_New_Lanosterol/Triazole_Conjugates
The orientation of the β -hydroxyl group controls the diastereoselectivity during the hydride reduction and Grignard reaction of inososes	<i>Tetrahedron</i>	Yes	24/6/2013	https://www.sciencedirect.com/science/article/pii/S0040402013006273
Comparison of racemic <i>epi</i> -inosose and (–)- <i>epi</i> -inosose	<i>Acta Crystallogr.</i>	Yes	6/10/2011	https://www.ncbi.nlm.nih.gov/pubmed/22051958
Protecting group directed stereoselective reduction of an <i>epi</i> -inosose: efficient synthesis of <i>epi</i> -inositol	<i>Tetrahedron Lett.</i>	Yes	20/7/2011	https://www.sciencedirect.com/science/article/pii/S0040403911007982
Book Published: Nil				
Research Project: DST Women Scientist Scheme A (DST-WOSA)				
Title	Year	Funding Organization	Status	
Synthesis and structure-property relationship studies of surfactants containing natural structural motif inositol as hydrophilic head group” (SR/WOS-A/CS-132/2016)	2016-19	DST, India	Ongoing	
Miscellaneous: Nil				