Supplementary Information

Novel 1,2,4-triazole clubbed with 1,3,4-oxadiazole motifs as efficient antimicrobial agents from N-arylsydnone as synthon

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S. No.	Contents	Pg. No
1	Fig. S1 — IR spectrum of compound 7i	2
2	Fig. S2 — 13 C NMR spectrum of compound 7i	2
3	Fig. S3 — Mass spectrum of compound 7i ($m/z = 397$)	3
4	Fig. S4 — ¹ H NMR spectrum of compound 7k	3
5	Fig. S5 — IR spectrum of compound 7m	4
6	Fig. S6 — ¹ H NMR spectrum of compound $7m$	4
7	Fig. S7 — ¹³ C NMR spectrum of compound 7m	5
8	Fig. S8 — Mass spectrum of compound 7m ($m/z = 438$)	5
9	Fig. S9 — IR (KBr) spectrum of compound 9t	6
10	Fig. S10 — Mass spectrum of compound 9t ($m/z = 319$)	6
11	Fig. S11 — IR spectrum of compound 9u	7
12	Fig. S12 — ¹ H NMR (DMSO- d_6) spectrum of compound 9u	7
13	Fig. S13 — 13 C NMR (DMSO- d_6) spectrum of compound 9u	8
14	Fig. S14 — LCMS spectra of compound 9u ($m/z = 364$)	9
15	Fig. S15 — IR (KBr) spectrum of compound 9w	10
16	Fig. S16 — 13 C NMR (DMSO- d_6) spectrum of compound 9w	10
17	Fig. S17 — Mass spectrum of compound 9w ($m/z = 349$)	11
18	Fig. S18 – Docked view of all the compounds at the active site of the enzyme PDB ID: 1JIJ	11
19	Fig. S19 – Docked view of all the compounds at the active site of the enzyme PDB ID: 3KHM	11



Fig. S1 – IR spectrum of compound 7i





Fig. S3 — Mass spectrum of compound 7i (m/z = 397)



Fig. S4 – ¹H NMR spectrum of compound 7k



Fig. S5 — IR spectrum of compound 7m



Fig. S6 – ¹H NMR spectrum of compound 7m



Fig. S7 - ¹³C NMR spectrum of compound 7m



Fig. S8 – Mass spectrum of compound 7m (m/z = 438)



Fig. S9 – IR (KBr) spectrum of compound 9t



Fig. S10 — Mass spectrum of compound 9t (m/z = 319)



Fig. S11 – IR spectrum of compound 9u



Fig. S12 – ¹H NMR (DMSO- d_6) spectrum of compound 9u





Fig. S14 — LCMS spectra of compound 9u (m/z = 364)



Fig. S15 – IR (KBr) spectrum of compound 9w



Fig. S16 - ¹³C NMR (DMSO- d_6) spectrum of compound 9w



Fig. S17 — Mass spectrum of compound 9w (m/z = 349)



Fig. S18 - Docked view of all the compounds at the active site of the enzyme PDB ID: 1JIJ



Fig. S19 – Docked view of all the compounds at the active site of the enzyme PDB ID: 3KHM