

Supplementary Materials: Ultrasound- and Molecular Sieves-Assisted Synthesis, Molecular Docking and Antifungal Evaluation of 5-(4-(Benzylxy)-substituted phenyl)-3-((phenylamino)methyl)-1,3,4-oxadiazole-2(3H)-thiones

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Table S1. Characterization data of Mannich bases (**6a–o**).

Derivatives	R/Ar	(Mol. Wt)	Yield (%)	m.p. (°C)	R _f
a		382.48	80	205	0.4
b		423.92	81	180	0.7
c		365.41	78	235	0.5
d		364.42	79	240	0.4
e		468.91	81	218	0.6
f		417.52	79	230	0.4
g		468.37	81	228	0.6
h		434.47	90	220	0.3
i		479.47	82	145	0.5
j		383.46	85	200	0.4
k		389.47	80	80	0.3
l		419.13	81	100	0.5
m		433.48	79	140	0.5
n		327.40	78	110	0.2
o		465.57	79	115	0.4

Query	85	P L V F Y W I P W F G S A A S Y G Q Q P Y E F F E S C R Q K Y G D V F S F M L L G K I M T V Y L G P K G H E F V F N A K	144
Sbjct	14	P + F I P + G A + + G + P E F E + + K Y G V F S F + + G K T L G + + F N + K	73
Query	145	L S D O V S A E D A Y K H L T T P V F G K G V I Y D C P N S R L M E Q K K F A K F A L T T D S F K R Y V P K I R E E I L N	204
Sbjct	74	D + + A E D Y L T T P V F G K G V Y D P N + E Q K K K L FK + + V I + E	133
Query	205	Y F V T D E S F K L K E K T H G V A N V M K T Q P E I T I F T A S R S L F G D E M R R I F D R S F A Q L Y S D L D K G F	264
Sbjct	134	Y F E S + G N V + E + I T A S L G E + R + A Q L Y + D L D G F	186
Query	265	T P I N F V F P N - L P L P L P H Y W R R D A A Q K K I S A T Y M K E I K S R R E R G D - I D P N R D L I D S L L I H S T Y	322
Sbjct	187	+ + + P L P L P + R R D A + + I + K I + R R + + I D D + + + L L + T Y	242
Query	323	K D G V K M T D Q E I A N L L I G I L M G G Q H T S A S T S A W F L L H L G E K P H L Q D V I Y Q E V V E L L K E K G G	382
Sbjct	243	K D G + T D E + A + L I G + L + G Q H T S + + T S A W L L Q Y E + G	299
Query	383	D L N D L L T Y E D L Q K L P S V N N T I K E T L R M H M P L H S I F R K V T N P L R I P E T N Y I V P K G H Y V L V S P	442
Sbjct	300	+ L L T Y + L + L + + I K E T L R + P + + R P + Y + P G H V V S P	357
Query	443	G Y A H T S E R Y F D N P E D F D P T R W D T A A A K A N S V S F N S S D E V D Y G F G K V S K G V S S P Y L P F G G G	502
Sbjct	358	+ + D F + P R + + N S G Y + P F G G	397
Query	503	R H R C I G E Q F A Y V Q L G T I L T F V Y N L R W - T I D G Y K V P D P D Y S S M V V L P T E P A E I I W E K R E T	561
Sbjct	398	R H R C I G E F A Y V Q + T I + T + + I D G Y P + Y + M + P P I + + + R T	455

Figure S1. Alignment of amino acid sequence of CA-CYP51 (P10613) and human CYP51 (3LD6_B).