## **Accepted Manuscript**

A new and efficient ZnCl<sub>2</sub>-catalyzed synthesis and biological evaluation of novel 2-amino-3,5-dicyano-4-aryl-6-aryl-aminopyridines as potent antibacterial agents against Helicobacter Pylori (HP)

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#### ACCEPTED MANUSCRIPT

### **Graphical Abstract**

Developed methodology 
$$R_1$$
 Biological application  $Br$ 
 $CN$ 
 $TnCl_2$ 
 $EtOH, 80 °C$ 
 $R_1$ 
 $R_1$ 
 $R_2$ 
 $R_2$ 
 $R_1$ 
 $R_2$ 
 $R_1$ 
 $R_2$ 
 $R_1$ 
 $R_2$ 
 $R_1$ 
 $R_2$ 
 $R_2$ 
 $R_3$ 
 $R_4$ 
 $R_4$ 
 $R_5$ 
 $R_5$ 
 $R_6$ 
 $R_6$ 

Herein a new and efficient method *via* ZnCl<sub>2</sub>-catalyzed direct cyclization of diverse benzylidenemalononitriles and arylamines for one-pot synthesis of novel 2-amino-3,5-dicyano-4-aryl-6-aryl-aminopyridines as potent antibacterial agents is described.

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