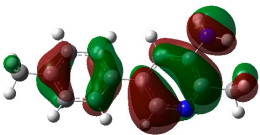
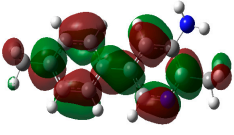
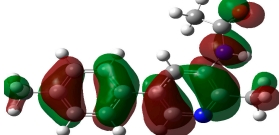
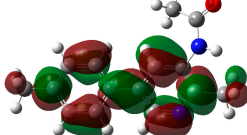
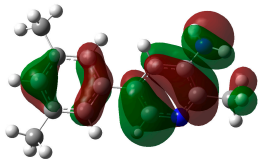
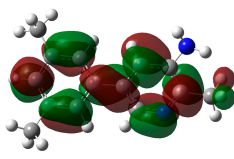
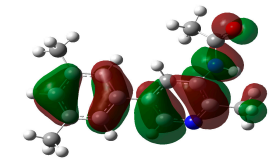
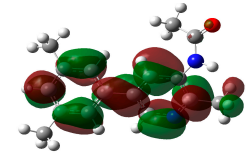
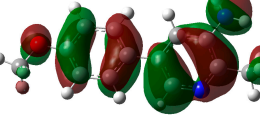
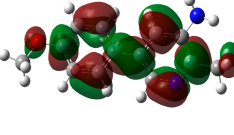
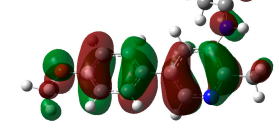
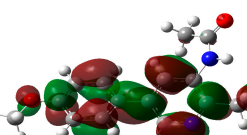
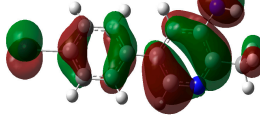
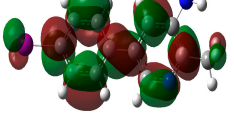
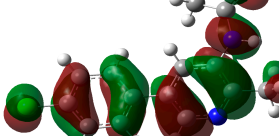
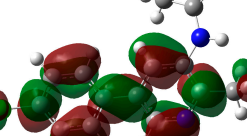


Supplementary Materials: Efficient Synthesis of Novel Pyridine-Based Derivatives via Suzuki Cross-Coupling Reaction of Commercially Available 5-Bromo-2-methylpyridin-3-amine: Quantum Mechanical Investigations and Biological Activities

Gulraiz Ahmad, Nasir Rasool, Hafiz Mansoor Ikram, Samreen Gul Khan, Tariq Mahmood, Khurshid Ayub, Muhammad Zubair, Eman Al-Zahrani, Usman Ali Rana, Muhammad Nadeem Akhtar and Noorjahan Banu Alitheen

S. No.	HOMO	LUMO	S. No.	HOMO	LUMO
2a			4a		
2b			4b		
2c			4c		
2d			4d		

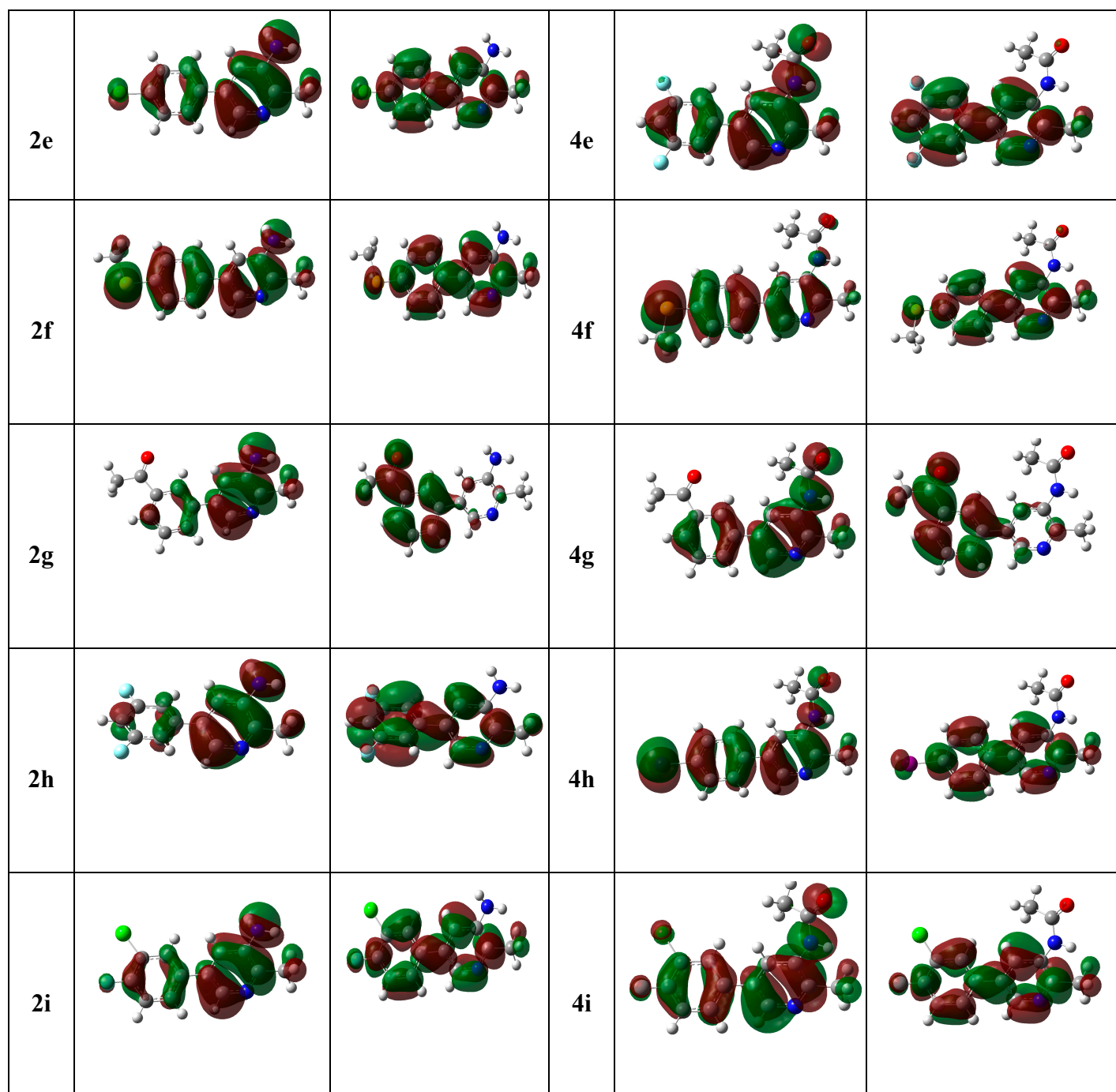


Figure S1. FMOs surfaces of 2a-i and 4a-i.