



Label	Peak / cm^{-1}	Assignment ²⁸
1.1	747	b(indole ring), b(phenyl ring CH), $\omega(\text{NH}_2)$, $\rho(\text{CH}_2)$
1.2	1005	b(phenyl ring), b(phenyl CH)
1.3	1340	$\omega(\text{CH}_2)$, $\rho(\text{NH}_2)$, b(CH _{alkyl})
1.4	1426	b(indole ring), b (indole CH (NH)), $\rho(\text{CH}_2)$
1.5	1542	st(indole ring CC), b(indole CH (NH)), si(CH_2)
2.1	726	-
2.2	864	dis(indole ring), b(indole ring CH (NH))
2.3	896	-
2.4	1005	b(phenyl ring), b(phenyl CH)
2.5	1307	st(C-CO ₂), $\omega(\text{CH}_2)$, $\rho(\text{NH}_2)$, st(pyrrole ring), b(indole CH (NH))
2.6	1596	-
2.7	1664	-

b: bending, dis: distortion, ρ: rocking, st: stretching, ω: wagging