Table S1 The Fukui functions* of TC-HCl

Atom	**f$^-$**	**f$^+$**	**Atom**	**f$^-$**	**f$^+$**
C1	0.0082	0.0077	C9	0.0052	0.0035
C2	0.004	0.0181	C10	0.198	0.024
C3	0.0103	0.0238	C11	0.0016	0.0011
C4	0.0076	0.066	C12	0.035	0.0416
C5	0.0004	0.004	C13	0.0126	0.0108
C6	0.0084	0.0094	C14	0.0193	0.0043
C7	0.0039	0.0026	C15	0.0334	0.0149
C8	0.0244	0.0181	C16	0.023	0.0161
C17	0.0357	0.036	C18	0.0265	0.0217

*** Theoretical Calculation Methods**: All of the calculations were investigated with the Gaussian 09 software package[1]. Structural optimization and electronic properties were performed using the B3LYP functional with the 6-31G(d, p) basis set(empirical dispersion correction GD3(BJ)). Fukui function was analysis using Multiwfn software[2].

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[2] Tian Lu, Feiwu Chen, J. Comput. Chem., 2012,33, 580-592.