Structure Confirmation The ^{1}H NMR spectra were recorded on a Bruker ADVANCE 300 WB spectrometer (300 Mhz). Deuterated DMSO was used as solvent with Me_4Si as an internal standard. The mass spectra (ESI) were obtained on a Finnigan MAT900 spectrometer.

Hexachloro-4-(2,4-dinitro-phenylamino)-4-aza-tricyclo(5.2.1.0(2,6))dec-ene-dione (1). 10.45-10.80 (bs, 1H) 8.89 (d, J=2.7 Hz, 1H) 8.33 (d, J=7.9 Hz, 1H) 6.80-7.10 (bs, 1H) 4.54 (s, 2H).

2,5,7-Trinitro-9-oxo-9H-fluorene-4-carboxamide (2). ^{1}H NMR δ 8.83 (s, 1H) 8.69 (s, 1H) 8.64 (s, 1H) 8.53 (s, 1H) 8.08 (s, 1H).

2,4,7-Trinitro-5-(piperidinocarbonyl)-9H-fluoren-9-one (3). ^{1}H NMR δ 8.83 (d, J=1.8 Hz, 1H) 8.64 (d, J=1.9 Hz, 1H) 8.49 (d, 2.0 Hz, 1H) 8.40 (d, J=1.9 Hz, 1H) 3.45-3.65 (bs, 4H) 1.55-1.80 (bs, 6H).

4-Nitro-2-[(2,4,5,7-tetranitro-9h-fluoren-9-yliden)methyl]phenol (4). ^{1}H NMR δ 9.59 (d, J=2.0 Hz, 1H) 8.93 (s, 1H) 8.82 (dd, J_1=10.8 Hz, J_2=1.0 Hz, 1H) 8.57 (m, 2H) 8.39 (dd, J_1=9.2 Hz, J_2=2.9 Hz, 1H) 7.96 (s, 1H) 7.31 (d, J=9.1 Hz, 1H).

(2,7-Dinitro-9-oxofluoren-4-yl)-N-[(2,4-dinitrophenyl)amino]carboxamide (5). ^{1}H NMR δ 11.63 (s, 1H) 10.53 (s, 1H) 8.95 (d, J=2.6 Hz, 1H) 8.85 (d, J=2.1 Hz, 1H) 8.60 (dd, J_1=8.5 Hz, J_2=2.2 Hz, 1H) 8.53 (d, J=2.1 Hz, 1H) 8.41 (m, 2H) 8.27 (d, 8.5 Hz, 1H) 7.56 (d, J=9.6 Hz, 1H).

Bis[(4-methylphenyl)sulfonyl]dichloromethane (6). ^{1}H NMR δ 7.96 (d, J=8.4 Hz, 4H) 7.57 (d, J=8.5 Hz, 4H) 3.32 (s, 6H).

2,2,3,3,4,4,5,5,5-Nonafluoropentyl-2,5,7-trinitro-9-oxo-9h-fluorene-4-carboxylate (7). ^{1}H NMR δ 8.40 (m, 4H) 5.12 (t, 14.0 Hz, 2H).

2-(4-Methoxy-benzylidene)-1,3-diphenyl-propane-1,3-dione (8). ^{1}H NMR δ 7.96 (d, J=7.4 Hz, 2H) 7.84 (d, J=7.2 Hz, 2H) 7.65 (q, J=7.1 Hz, 2H) 7.50-7.60 (m, 5H) 7.34 (d, J=8.8 Hz, 2H) 6.89 (d, J=8.8 Hz, 2H) 3.73 (s, 3H).

3,3'-(3,4,5-Trimethoxybenzylidene)-bis-(4-hydroxycoumarin) (9). ^{1}H NMR δ 7.85 (dd, J_1=8.0 Hz, J_2=1.4 Hz, 2H) 7.52 (m, 2H) 7.15-7.25 (m, 4H) 6.42 (s, 2H) 6.23 (s, 1H) 3.62 (s, 3H) 3.55 (s, 6H).

1-{7-Fluoro-3-[(4-fluorophenyl)carbonyl]-3a-hydropyrrolo[1,2-c]quinazolinyl}ethan-1-one (10). ^{1}H NMR δ 10.12 (s, 1H), 9.79 (dd, J_1=9.3 Hz, J_2=4.3 Hz, 1H) 8.05 (m, 3H) 7.82 (dd, J_1=9.6 Hz, J_2=1.7 Hz, 1H) 7.70 (m, 1H) 8.14 (t, J=8.8 Hz, 2H) 2.69 (s, 3H).

2-Nitro-5-(phenylsulfonyl)phenyl-2-chloronicotinate (11). ^{1}H NMR δ 8.75 (dd, J_1=4.6 Hz, J_2=1.8 Hz, 1H) 8.66 (dd, J_1=7.8 Hz, J_2=1.8 Hz, 1H) 8.49 (d, 1.8 Hz, 1H) 8.42 (d, J=8.6 Hz, 1H) 8.20 (dd, J_1=8.6 Hz, J_2=1.9 Hz, 1H) 8.07 (d, J=7.4 Hz, 2H) 7.65-7.85 (m, 4H).

[2-(4,4-Dimethyl(3,4-dihydroisoquinolyl))-4-chlorophenyl]methyl[(4-methylphenyl)sulfonyl]amine (12). ^{1}H NMR δ 7.90-8.00 (bs, 1H) 7.88 (m, 1H) 7.77 (t, J=8.3 Hz, 2H) 7.50 (m, 1H) 7.45 (d, J=8.1 Hz, 2H) 7.33 (d, J=8.1 Hz, 2H) 7.27 (s, 1H) 6.97 (d, J=8.7 Hz, 1H) 3.75-3.95 (m, 2H) 2.89 (s, 3H) 2.43 (s, 3H) 1.50 (s, 3H) 1.41 (s, 3H).

2,2-Bis-(phthalimidomethyl)-1,3-propanedioldiacetate (13). ^{1}H NMR δ 7.80-7.95 (m, 8H) 4.01 (s, 3H) 3.80 (s, 3H) 1.81 (s, 4H). MS *m/z* 501 $(M + Na)^+$, 479 $(M + H)^+$.

4-([4-[2,6-Dinitro-4-(trifluoromethyl)phenoxy]phenyl]sulfonyl)morpholine (14). ^{1}H NMR δ 8.98 (s, 2H) 7.75 (d, J=8.8 Hz, 2H) 7.38 (d, J=8.8 Hz, 2H) 3.64 (t, J=4.3 Hz, 4H) 2.86 (t, J=4.3 Hz, 4H).

4,5-Dinitro-9-oxo-9H-fluorene-2,7-dicarboxamide (15). ^{1}H NMR δ 8.67 (d, 1.1 Hz, 1H) 8.58 (s, 1H) 8.55 (s, 1H) 7.96 (s, 1H).

2,3,5,5,6,6-Hexachloro-4-[(3-methylphenyl)amino]-4-{[(4 methylphenyl)sulfonyl]amino}cyclohex-2-en-1-one (16). ^{1}H NMR δ 7.88 (d, J=8.3 Hz, 2H) 7.48 (d, J=8.2 Hz, 2H) 7.26 (d, J=8.3 Hz, 2H) 7.02 (d, J=8.1 Hz, 2H) 2.46 (s, 3H) 2.37 (s, 3H).

N-[(1E)-2-aza-2-(2-methyl-3-nitrophenyl)vinyl]-N-(2-methyl-3-nitrophenyl)benzamide (17). ^{1}H NMR δ 8.64 (s, 1H) 7.97 (d, J=8.1 Hz, 1H) 7.81 (d, J=7.7 Hz, 1H) 7.60-7.75 (m, 3H) 7.42-7.60 (m, 4H) 7.38 (t, J=8 Hz, 1H) 7.28 (d, J=7.7 Hz, 1H) 2.38 (s, 3H) 2.09 (s, 3H).

[2-(2-Hydroxy-3-methoxyphenyl)(1,2,3,4-tetrahydroquinazolin-3-yl)][(4-methylphenyl)sulfonyl]amine (18). ^{1}H NMR δ 10.50 (s, 1H) 9.19 (s, 1H) 7.73 (d, J=8.1 Hz, 2H) 7.42 (d, J=7.4 Hz, 1H) 7.33 (d, J=8.1 Hz, 2H) 7.10-7.20 (m, 2H) 6.90 (d, J=7.8 Hz, 1H) 6.50-6.75 (m, 3H) 6.44 (d, J=7.6 Hz, 1H) 6.32 (d, J=2.5 Hz, 1H) 3.79 (s, 3H) 2.36 (s, 3H).

4-Chloro-1-[({5-[2-(4-chlorophenyl)(1,3-thiazol-4-yl)]-2-nitrophenyl}methyl)sulfonyl]benzene (19). ^{1}H NMR δ 8.40 (s, 1H) 8.22 (d, J=8.6 Hz, 1H) 8.18 (d, J=8.6 Hz, 1H) 8.03 (m, 3H) 7.70 (s, 4H) 7.66 (d, J=8.5 Hz, 2H) 5.29 (s, 2H).

2-(4-Chlorophenyl)-N-{[(4-chlorophenyl)amino]carbonyl}-2-[3-chloro-5-(trifluoromethyl)(2-pyridyl)]acetamide (20). ^{1}H NMR δ 11.10 (bs, 1H) 10.35 (bs, 1H) 9.00 (s, 1H) 8.52 (s, 1H) 7.57 (d, J=8.8 Hz, 2H) 7.39 (m, 4H) 7.28 (d, J=8.4 Hz, 2H) 5.84 (s, 1H).

4-Nitro-2-(4-{[4-(4-nitro-1,3-dioxoisoindolin-2-yl)phenyl]sulfonyl}phenyl)isoindoline-1,3-dione (21). ^{1}H NMR δ 8.37 (d, J=7.6 Hz, 2H) 8.29 (d, J=7.1 Hz, 2H) 8.21 (d, J=8.7 Hz, 4H) 8.14 (t, J=7.8 Hz, 2H) 7.76 (d, J=8.6 Hz, 4H).