



The parent structure of ONO4series of compounds

Supplemental Table 1: The structural variations of the six lead compounds from the parent structure are given below in the tabulated form

COMPOUND	x	B	Y	Z
ON O4120	4-F	SO ₂	4-CH ₃ O	4-Br
ON O4140	4-Cl	SO ₂	4-CH ₃ O	4-Cl
ON O42690	4-CH ₃	SO ₂	4-Br	3-Indolyl
ON O43880	2,4-Cl ₂	CH ₂	4-Cl	3-indole
ON O43950	4-Br	CH ₂ S	2,3,4,5,6-F ₅	3-OH , 4-NO ₂
ON O44000	2-F	CH ₂ S	4-Cl	2-OCH ₃

Supplemental Table 2: IC₅₀ and GI₅₀ values of six lead compounds in three different cancer lines

SNO.	COMPOUNDS	IC ₅₀ (μM) (luciferase renaturation assay	GI ₅₀ (μM) In BT-474 Cancer cell line	GI ₅₀ (μM) In K562 Cancer cell line	GI ₅₀ (μM) In DU-145 Cancer cell line
1.	ONO4120	4.0	4.0	5.0	5.0
2.	ONO4140	2.5	4.4	5.0	5.0
3	ONO42690	1.1	9.6	10.0	25.0
4.	ONO43880	3.8	5.5	10.0	25.0
5.	ONO43950	6.0	6.0	1.0-10.0	25.0
6.	ONO44000	5.0	15.0	1.0-10.0	10.0-25.0