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Structure–Activity relationship study of novel 2-Aminobenzofuran derivatives as P-glycoprotein inhibitors

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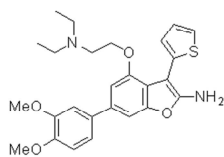
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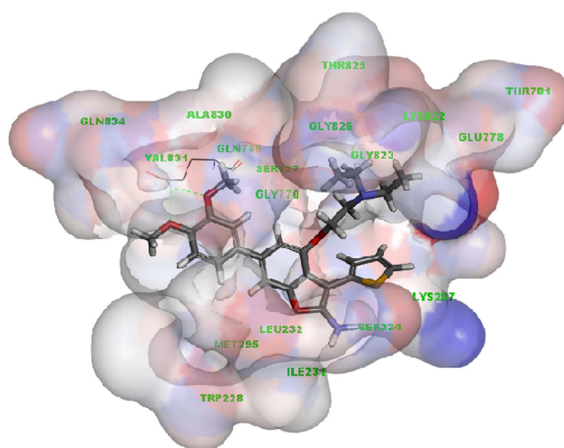
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Reversal effect of **43** in Flp-InTM-293 and KBvin resistant cell lines.

**43**

	Flp-In TM -293/MDR Reversal fold	KBvin Reversal fold
Vincristine		
+ 43 (2.5 μ M)	17.95	246.43
Paclitaxel		
+ 43 (2.5 μ M)	13.68	38.72
Doxorubicin		
+ 43 (2.5 μ M)	26.43	5.16



Docking interaction of **43** with drug binding site of P-glycoprotein

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