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

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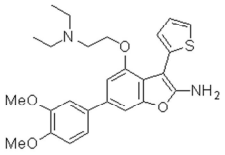
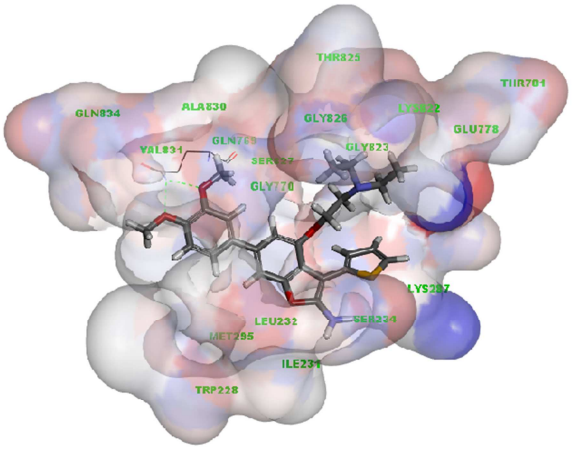
Reversal effect of **43** in Flp-In™-293 and KBvin resistant cell lines.



43

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



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