

## Cytotoxic activities of biaryl hydroxy-triazoles and fluorene-triazoles

**Table S1.** Cytotoxic activities of biaryl hydroxy-triazoles and fluorene-triazoles compound against diverse human cancer cell lines after 72 h exposure

Compound	Cancer cell lines							
	HCT-116		SNB-19		MDA-MB-231		MOLM-13	
	IC <sub>50</sub> ( $\mu$ M)	SD	IC <sub>50</sub> ( $\mu$ M)	SD	IC <sub>50</sub> ( $\mu$ M)	SD	IC <sub>50</sub> ( $\mu$ M)	SD
LSO256	>50	-	>50	-	>50	-	>50	-
	MGI= 0%	-	MGI=0%	-	MGI=4.6%	-	MGI =9.8%	-
LSO257	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=0%	-	MGI=9.3%	-	MGI = 42.0%	-
LSO258	>50	-	>50	-	>50	-	25.5	$\pm$ 6.9
	MGI=20.0%	-	MGI=28.8%	-	MGI=22.8%	-	MGI =92.0%	
LSO259	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=10.1%	-	MGI=28.0%	-	MGI = 58.0%	-
LSO260	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=0%	-	MGI=17.5%	-	MGI =23.5%	-
LSO272	>50	-	>50	-	>50	-	12.5	$\pm$ 3.0
	MGI=51.7%	-	MGI=45.0%	-	MGI=53.0%	-	MGI =89.5%	
LSO273	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=32.3%	-	MGI=29.3%	-	MGI =29.0%	-
LSO274	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=13.3%	-	MGI=24.3%	-	MGI =19.9%	-
LSO275	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=0%	-	MGI=0%	-	MGI =39.5%	-
LSO232	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=0%	-	MGI=9.1%	-	MGI =33.1%	-
LSO234	>50	-	>50	-	>50	-	>50	-
	MGI=0%	-	MGI=11.7%	-	MGI=14.0%	-	MGI =57.0%	-
LSO276	>50	-	>50	-	>50	-	24.8	$\pm$ 6.5
	MGI=0%	-	MGI=10.0%	-	MGI=11.8%	-	MGI =94.0%	
LSO277	>50	-	>50	-	>50	-	>50	$\pm$ 6.5

	MGI=0%		MGI=0%		MGI=5.0%		MGI =6.8%	
LSO278	23.4	± 4.3	>50	-	34.3	± 5.9	18.7	±7.0
	MGI=85.0%		MGI=18.6%		MGI=75.1%		MGI =92.1%	
LSO279	>50	-	>50	-	>50	-	>50	-
	MGI=0%		MGI=7.4%		MGI=25.5%		MGI =27.5%	
LSO280	>50	-	>50	-	>50	-	>50	-
	MGI=5.6%		MGI=24.2%		MGI=35.4%		MGI =57.3%	
LSO281	28.2	± 3.4	>50	-	>50	-	22.7	±4.3
	MGI=86.4%		MGI=16.2%		MGI=32.3%		MGI =89.9%	
LSO282	>50	-	>50	-	>50	-	>50	-
	MGI=0%		MGI=74.2%		MGI=21.2%		MGI =11.2%	
LSO24	>50	-	>50	-	>50	-	>50	-
	MGI=0%		MGI=9.0%		MGI=54.0%		MGI =25.6%	
Doxorubicin	ND	-	0.80	±0.01	0.2	±0.05	ND	-
5-fluorouracil	19.2	±1.5	ND	-	ND	-	ND	-
Azacitidine	ND	-	ND	-	ND	-	0.5	±0.02

\*MGI: Maximum growth inhibition of cancer cells at a single concentration of 50 µM.

\*\* >50: Not able to determine the IC<sub>50</sub> value within the range of concentration tested for this cell line. SD: Standard deviation. ND: Not determined.