

Supporting Information

Investigation of the Lactam Sidechain Length Necessary for Optimal Indenoisoquinoline Topoisomerase I Inhibition and Cytotoxicity in Human Cancer Cell Cultures

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Elemental Analyses

Compound	Molecular Formula		C %	H %	N %
19	$C_{16}H_{34}N_2O_2$	Calc.	67.09	11.96	9.78
		Found	66.86	11.88	9.65
25	$C_{16}H_{10}N_2O_2 \cdot 0.25 H_2O$	Calc.	72.04	3.97	10.50
		Found	71.79	3.99	10.56
31	$C_{28}H_{32}N_2O_4$	Calc.	73.02	7.00	6.08
		Found	72.86	7.13	5.96
32	$C_{29}H_{34}N_2O_4$	Calc.	73.39	7.22	5.90
		Found	73.22	7.04	5.74
33	$C_{30}H_{36}N_2O_4$	Calc.	73.74	7.43	5.73
		Found	73.67	7.24	5.60
34	$C_{31}H_{38}N_2O_4$	Calc.	74.07	7.62	5.57
		Found	73.90	7.52	5.46
35	$C_{32}H_{40}N_2O_4$	Calc.	74.39	7.80	5.42
		Found	74.26	7.96	5.14
36	$C_{33}H_{42}N_2O_4$	Calc.	74.69	7.98	5.28
		Found	74.43	7.91	4.94
40	$C_{21}H_{21}ClN_2O_2 \cdot 0.75 H_2O$	Calc.	65.96	5.93	7.33
		Found	66.25	5.61	7.37
41	$C_{22}H_{23}ClN_2O_2 \cdot 0.5 H_2O$	Calc.	67.43	6.17	7.15
		Found	67.06	5.86	7.13
42	$C_{23}H_{25}ClN_2O_2 \cdot 0.5 H_2O$	Calc.	68.06	6.46	6.90
		Found	67.96	6.21	6.90
43	$C_{24}H_{27}ClN_2O_2 \cdot 0.75 H_2O$	Calc.	67.91	6.77	6.60
		Found	67.97	6.67	6.23
44	$C_{25}H_{29}ClN_2O_2 \cdot 0.75 H_2O$	Calc.	68.48	7.01	6.39
		Found	68.44	7.06	6.45
45	$C_{26}H_{31}ClN_2O_2 \cdot 0.5 H_2O$	Calc.	69.71	7.20	6.25
		Found	69.51	6.95	6.42
46	$C_{27}H_{33}ClN_2O_2 \cdot 1.0 H_2O$	Calc.	68.85	7.49	5.95
		Found	69.18	7.30	5.91
47	$C_{28}H_{35}ClN_2O_2 \cdot 1.25 H_2O$	Calc.	68.89	7.72	5.72
		Found	68.89	7.42	5.78
48	$C_{22}H_{14}N_2O_2$	Calc.	78.09	4.17	8.28
		Found	77.73	4.19	8.21
49	$C_{22}H_{15}ClN_2O_2$	Calc.	70.50	4.03	7.47
		Found	70.13	3.88	7.45
50	$C_{23}H_{17}ClN_2O_2$	Calc.	71.04	4.41	7.20
		Found	71.43	4.29	7.38
51	$C_{23}H_{16}N_2O_2 \cdot 0.55 H_2O$	Calc.	76.25	4.76	7.73
		Found	75.94	4.47	7.80