

Supplementary information

Table-1S: The experimental molecular weight of different oligomers assigned by MALDI-TOF in comparison with its theoretical molecular weight

PEG units	TPGS (m/z)		TPGS-SA (m/z)		TPGS-Gemcitabine (m/z)	
	Theoretical	Experimental	Theoretical	Experimental	Theoretical	Experimental
n=17	1317.81	1318.4	1417.82	1417.4	1623.92	1623.8
n=18	1361.83	1362.4	1461.85	1461.8	1667.95	1667.9
n=19	1405.86	1406.4	1505.87	1506.5	1711.97	1712
n=20	1449.89	1450.8	1549.9	1550.5	1756	1756.1
n=21	1493.91	1495	1593.93	1594.5	1800.02	1800
n=22	1537.94	1539	1637.95	1638.7	1844.05	1844.1
n=23	1581.96	1583.4	1683.159	1683.8	1888.08	1888.2
n=24	1625.99	1627	1726.01	1728.3	1932.1	1932.3
n=25	1670.06	1671.8	1770.03	1772.8	1976.13	1976.5
n=26	1714.04	1715.9	1814.06	1816.8	2020.16	2020.6
n=27	1758.07	1760	1858.08	1860.4	2064.18	2064.6
n=28	1802.09	1804	1902.11	1904.4	2108.21	2108.6