

Supplemental Table 2. Binding properties and biological activity in BAF/3 cells of pegylated human leptin and pegylated human leptin antagonist

PEG Reagent	Human leptin		Human leptin antagonist	
	Binding ^A	Biological activity ^{A,B}	Binding ^A	Biological activity ^{A,B}
mPEG2-NHS 40 kDa	7.5 (1) ^C	4.9 ± 1.4 (5)	6.8 ± 0.4 (3)	4.9 ± 1.4 (7)
mPEG-SMB 30 kDa	8.8 (1)	8.0 ± 1.5 (2)	13.3 ± 0.4 (3)	12.7 ± 1.6 (8)
mPEG-SMB 20 kDa	6.8 (1)	3.0 ± 0.3 (2)	8.1 ± 1.3 (3)	6.5 ± 0.9 (7)
mPEG2-butyr-ALD 40 kDa	4.5 (1)	4.0 ± 0.6 (5)	3.8 ± 0.2 (2)	2.9 ± 0.6 (3)
mPEG-butyr-ALD 20 kDa	16.8 (1)	19.5 ± 3.9 (5)	15.9 ± 1.3 (2)	11.4 ± 1.8 (4)

^AAs percent of the respective value of non-pegylated protein, given as mean or mean ± SEM, or as mean ± SD when the number of experiments was less than three

^BThe numbers for human leptin were calculated from the respective EC₅₀ values and the numbers for human leptin antagonists from the respective IC₅₀ values

^CThe numbers in parentheses indicate the number of independent experiments