Figure 1

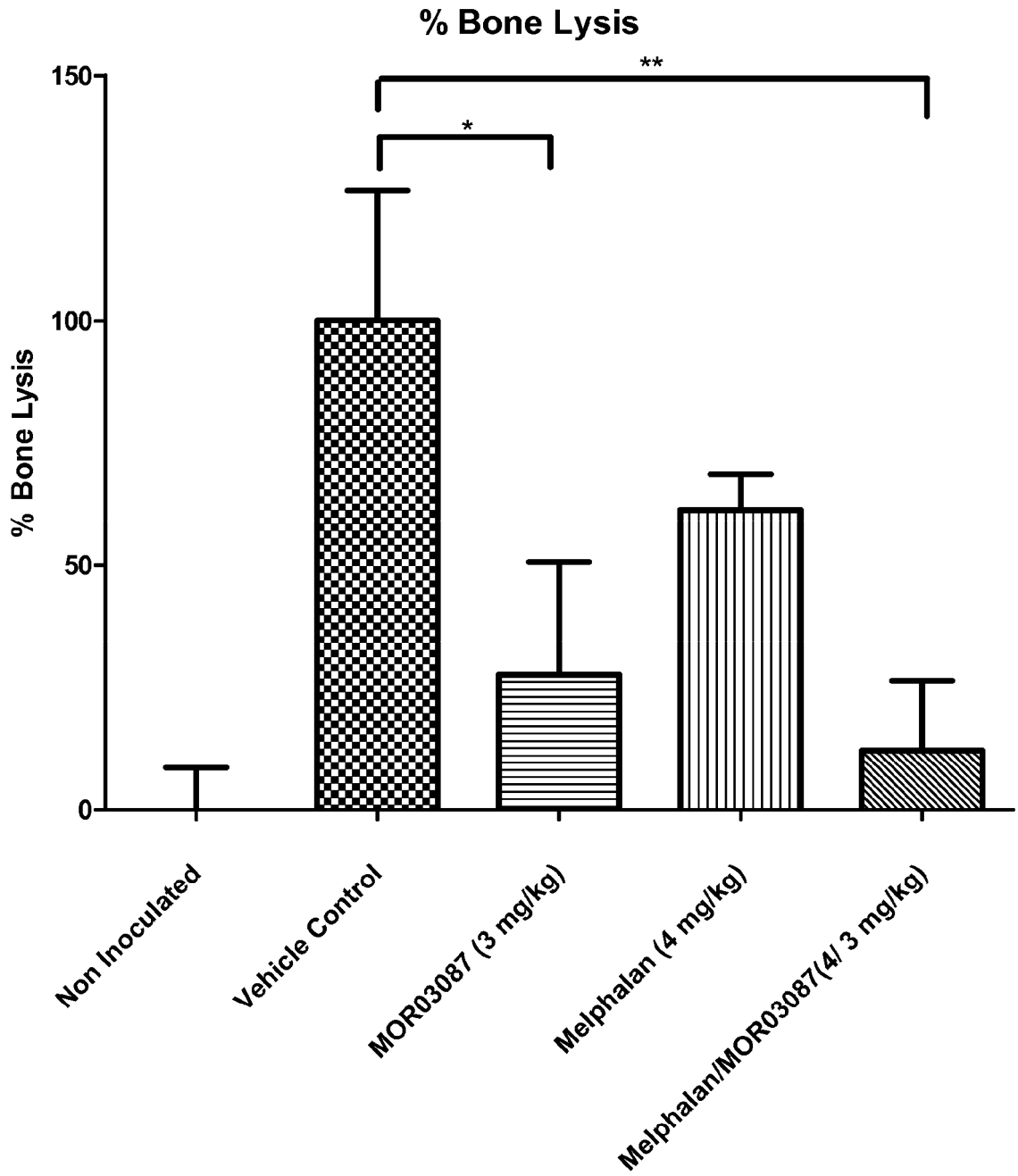

% Bone Lysis
**
*
150
100
50
0
% Bone Lysis
Non Inoculated
Vehicle Control
MOR03087 (3 mg/kg)
Melphalan (4 mg/kg)
Melphalan/MOR03087(4/ 3 mg/kg)

Figure 2

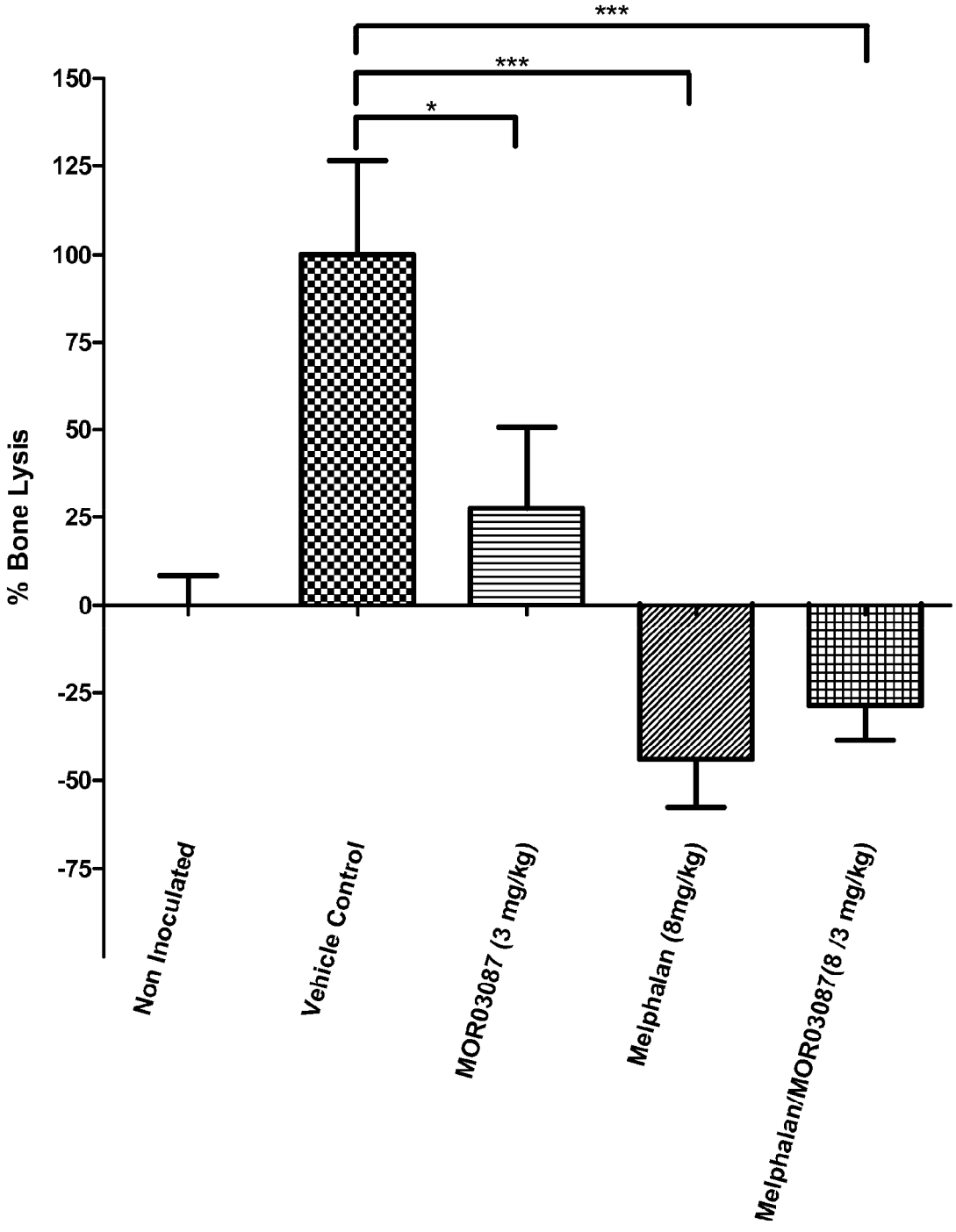

***
***
*
150
125
100
75
50
25
0
-25
-50
-75
% Bone Lysis
Non Inoculated
Vehicle Control
MOR03087 (3 mg/kg)
Melphalan (8mg/kg)
Melphalan/MOR03087(8 /3 mg/kg)

Figure 3

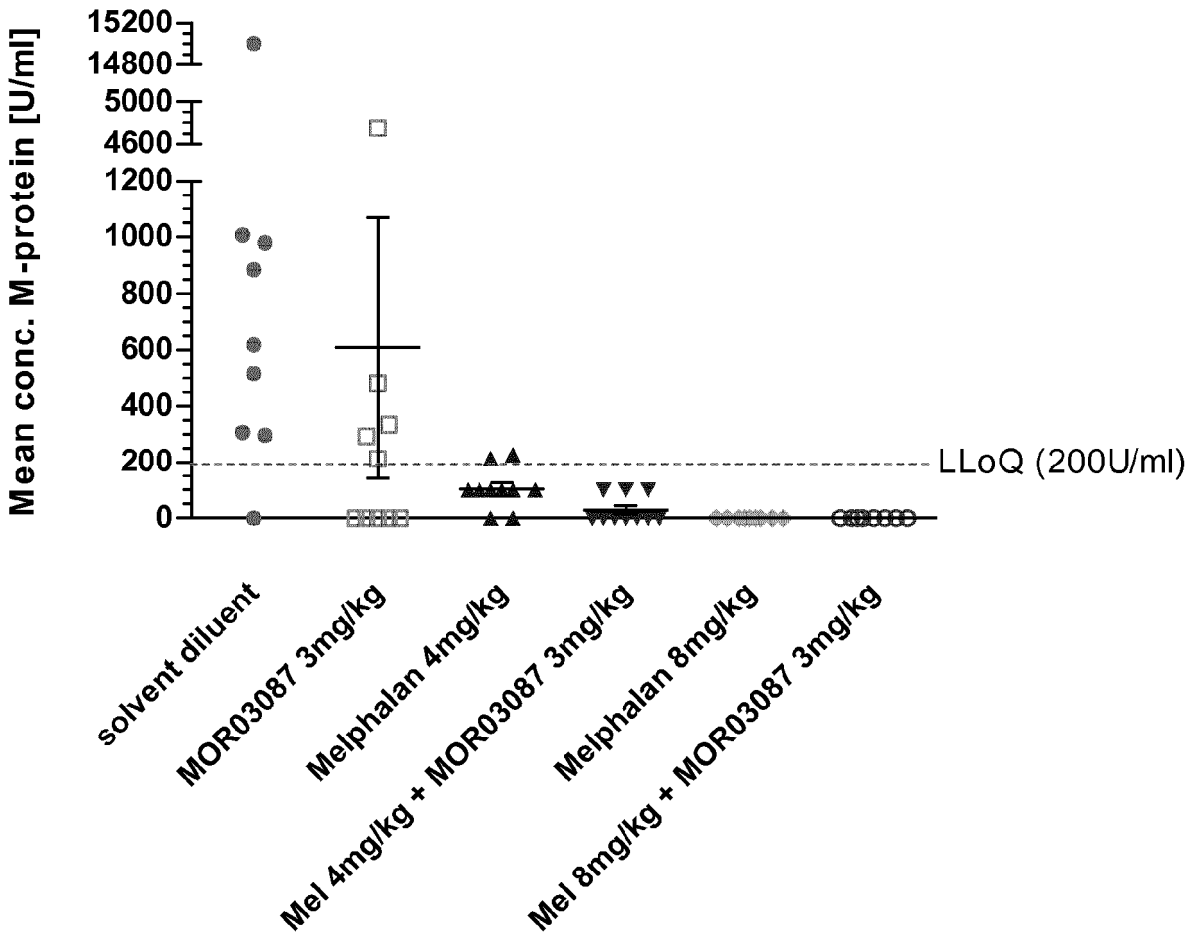

Mean conc. M-protein [U/ml]
15200
14800
5000
4600
1200
1000
800
600
400
200
0
LLoQ (200U/ml)
solvent diluent
MOR03087 3mg/kg
Melphalan 4mg/kg
Mel 4mg/kg + MOR03087 3mg/kg
Melphalan 8mg/kg
Mel 8mg/kg + MOR03087 3mg/kg

Figure 4

The amino acid sequence of the MOR202 Variable Heavy Domain is:

QVQLVESGGGLVQPGGSLRLSCAAS**GFTFSSYYMN**WVRQAPGKGLEWVS**GIS GDPSNTYYADSVKG**RFTISRDNSKNTLYLQMNSLRAEDTAVYYCAR**DLPLVYTGFA Y**WGQGTLVTVSS (SEQ ID NO: 7)

The DNA sequence encoding the MOR202 Variable Heavy Domain is:

CAGGTGCAATTGGTGGAAAGCGGCGGCGGCCTGGTGCAACCGGGCGGCAG CCTGCGTCTGAGCTGCGCGGCCTCCGGATTTACCTTTTCTTCTTATTATATGAATTG GGTGCGCCAAGCCCCTGGGAAGGGTCTCGAGTGGGTGAGCGGTATCTCTGGTGAT CCTAGCAATACCTATTATGCGGATAGCGTGAAAGGCCGTTTTACCATTTCACGTGA TAATTCGAAAAACACCCTGTATCTGCAAATGAACAGCCTGCGTGCGGAAGATACG GCCGTGTATTATTGCGCGCGTGATCTTCCTCTTGTTTATACTGGTTTTGCTTATTGG GGCCAAGGCACCCTGGTGACGGTTAGCTCA (SEQ ID NO: 8)

The amino acid sequence of the MOR202 Variable Light Domain is:

DIELTQPPSVSVAPGQTARISC**SGDNLRHYYVY**WYQQKPGQAPVLVIY**GDSKR PS**GIPERFSGSNSGNTATLTISGTQAEDEADYYC**QTYTGGAS**LVFGGGTKLTVLGQ (SEQ ID NO: 9)

The DNA sequence encoding the MOR202 Variable Light Domain is:

GATATCGAACTGACCCAGCCGCCTTCAGTGAGCGTTGCACCAGGTCAGACC GCGCGTATCTCGTGTAGCGGCGATAATCTTCGTCATTATTATGTTTATTGGTACCAG CAGAAACCCGGGCAGGCGCCAGTTCTTGTGATTTATGGTGATTCTAAGCGTCCCTC AGGCATCCCGGAACGCTTTAGCGGATCCAACAGCGGCAACACCGCGACCCTGACC ATTAGCGGCACTCAGGCGGAAGACGAAGCGGATTATTATTGCCAGACTTATACTG GTGGTGCTTCTCTTGTGTTTGGCGGCGGCACGAAGTTAACCGTTCTTGGCCAG (SEQ ID NO: 10)

The amino acid sequence of the MOR202 HCDR1 is: GFTFSSYYMN (SEQ ID NO: 1)

The amino acid sequence of the MOR202 HCDR2 is: GISGDPSNTYYADSVKG (SEQ ID NO: 2)

The amino acid sequence of the MOR202 HCDR3 is: DLPLVYTGFAY (SEQ ID NO: 3)

The amino acid sequence of the MOR202 LCDR1 is: SGDNLRHYYVY (SEQ ID NO: 4)

The amino acid sequence of the MOR202 LCDR2 is: GDSKRPS (SEQ ID NO: 5)

The amino acid sequence of the MOR202 LCDR3 is: QTYTGGAS (SEQ ID NO: 6)