Supplementary data:

Table S1. Criteria for assessing animal welfare and humane end point. Adapted from Acred et al. [22].

Clinical signs	
1. Ruffled fur	
2. Weight loss	6. Ataxia
3. Ocular discharge	7. Tremor
4. Lethargy	8. Hypothermia
5. Hunched posture	9. Cyanosis
Conditions	Suggested action
1-6	Assessment of analgesia
5+6 (or 7 or 8 or 9)	Euthanasia

Figure S1: Experimental design. A12C was administered only to the treated groups (STO and IA; 6×10^8 CFU/mL). CLP was performed only in Stage 2.

