

p/2/1-16

PROTOCOL FOR A 63197 (R50796) + PQ DOG STUDY1. Objective

Assessment of the efficiency of 63197 as an emetic agent when in combination with PQ and the resultant change in simple toxicity.

2. Proposal

- a) Selection of stable non-vomiting dogs by giving the carrier (complan) by oral gavage. (Estimated 22 dogs out of 25 stable).
- b) Confirmation that selected dose of 63197 will induce vomiting when given to dogs orally in complan. 2 dogs
- c) Establish the LD75/100 for PQ in complan in the absence of any vomiting. 2-4 dogs
- d) Administer a 63197/PQ/complan mix to show that:
 - 1. the emetic action of 63197 is obtained in the presence of PQ
 - 2. sufficient PQ is removed to protect the dog (collect vomit and measure the PQ content; monitor blood levels of PQ) and repeat of (c) for positive control. 10 dogs
6-8 dogs

COST

- 1. 25 dogs
- 2. Husbandry etc for 25 dogs for (say) 4 weeks
- 3. Preparation of mixtures. 2.5 hrs for R A
- 4. Dose equivalent of about 47 dogs at 10 minutes per dog, ie 1 day RA and 1 day LA
- 5. Observation, taking notes and any necessary action - about 10 hours for RA £3,000
- 6. Blood samples etc and their analysis, if agreed, to be costed.

Monkey study being undertaken at Huntingdon.

MSR:SDL:31 Mar 76