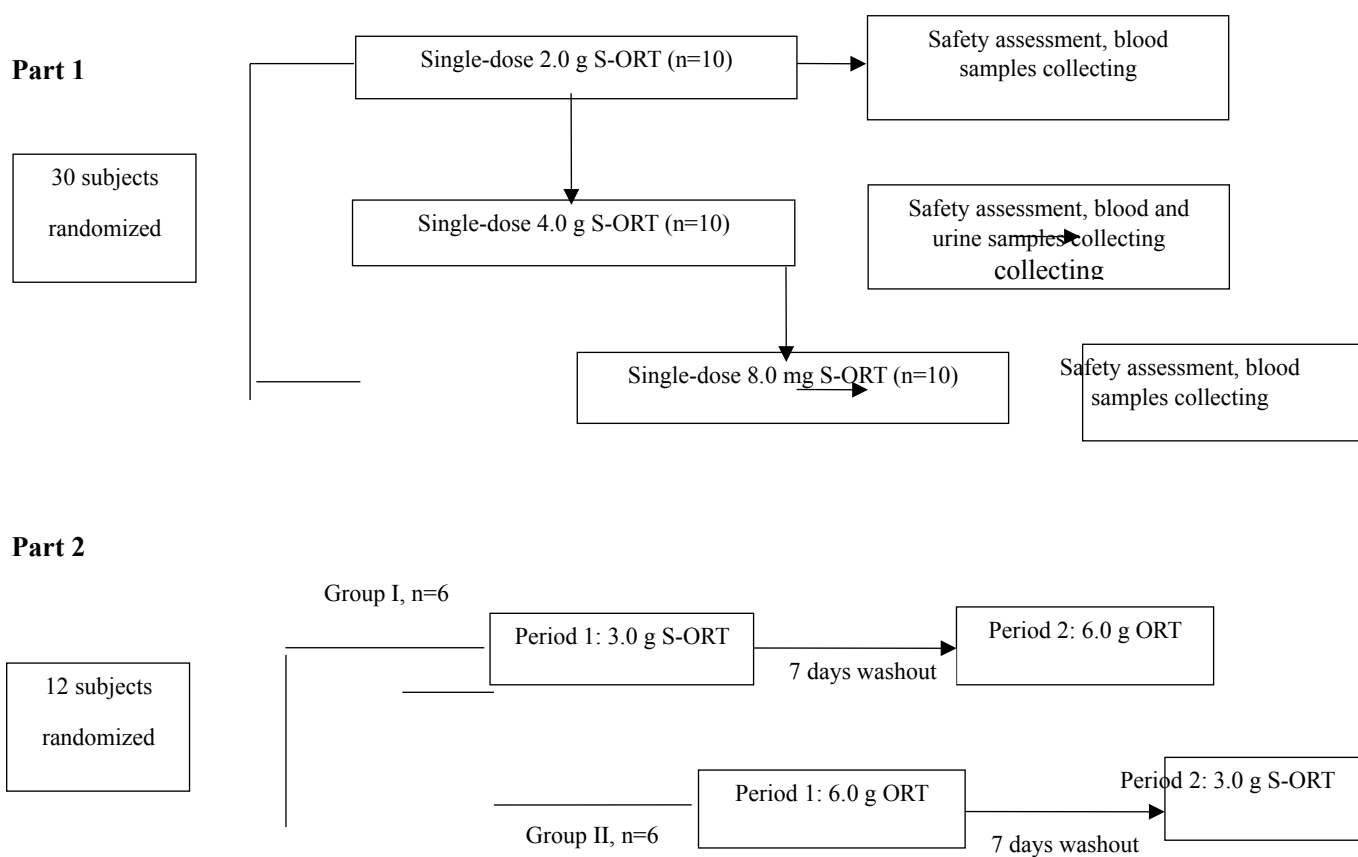


Fig.1 Structures of S-Oxiracetam(A), R-Oxiracetam(B) and Piracetam (C, internal standard)



Multiple-dose administration of 4.0 g S-ORT

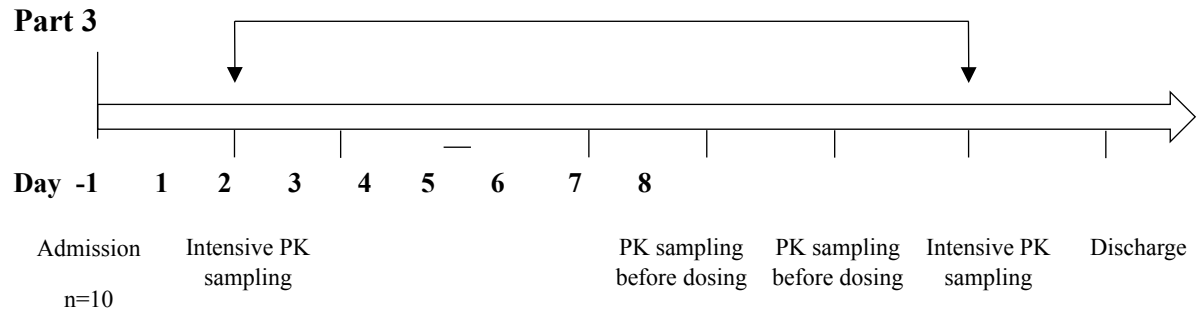


Fig.2 Design and subject allocation scheme for single-dose study in part 1, for chiral pharmacokinetic comparative study in part 2 and for multiple-dose study in part 3.

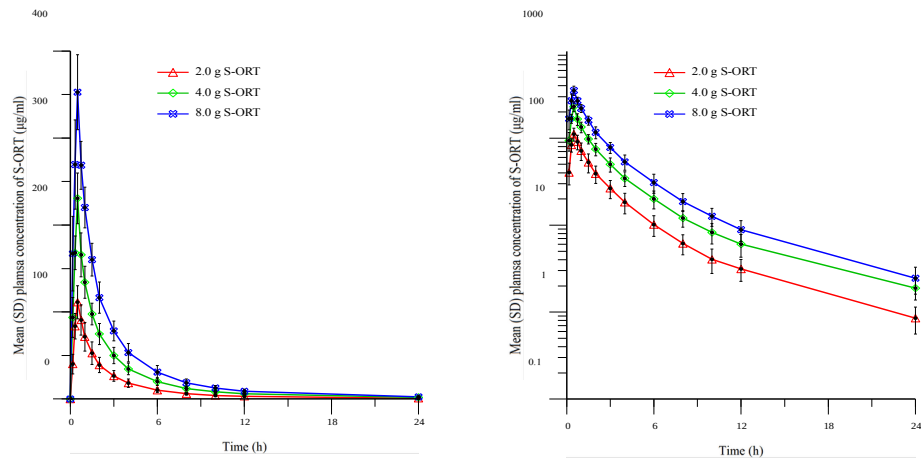


Fig.3 Mean plasma concentration-time profiles of S-ORT in three single-dose groups (n=10 for each dose group) (arithmetic scale on the left and logarithmic scale on the right)

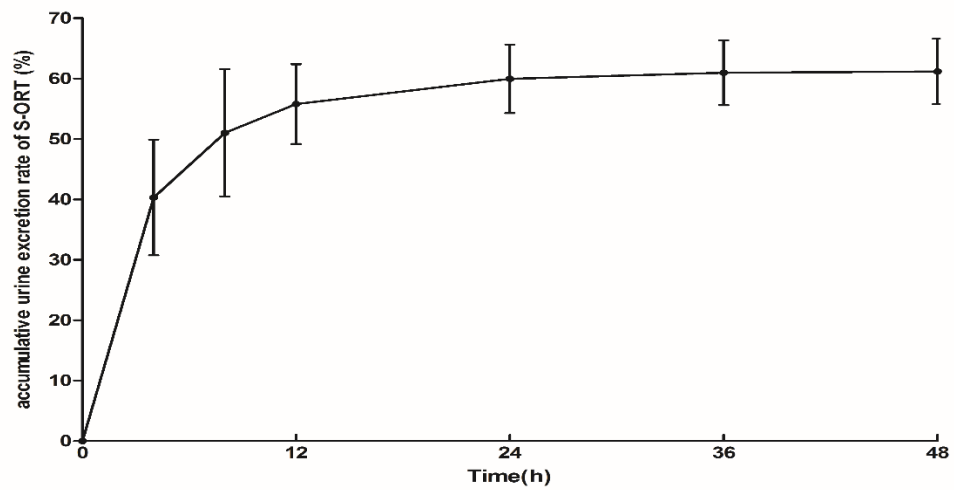


Fig. 4 Profile of 48 hours cumulative urine excretion rate after single-dose administration of 4.0 g S-ORT,

n=10

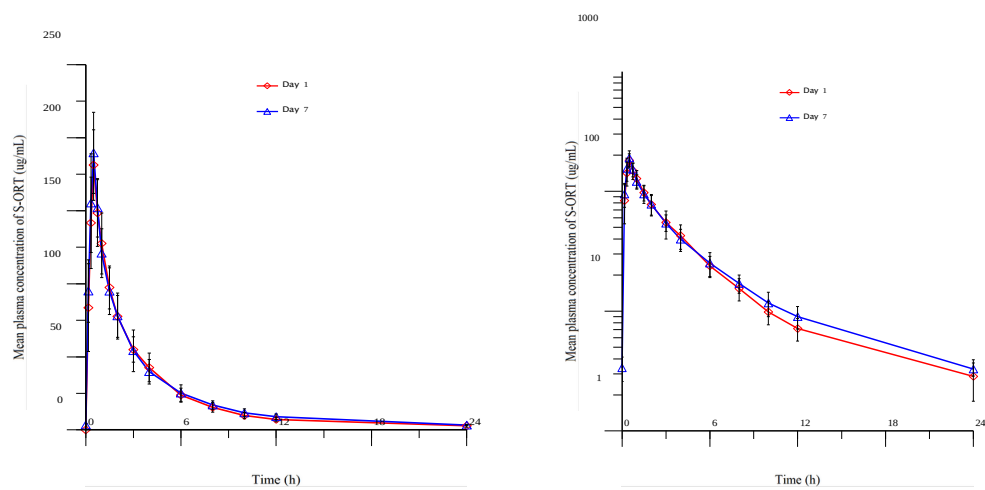


Fig. 5 Mean plasma concentration-time profiles following multiple-dose administration of 4.0 g S-ORT on day 1

and day 7, n=10

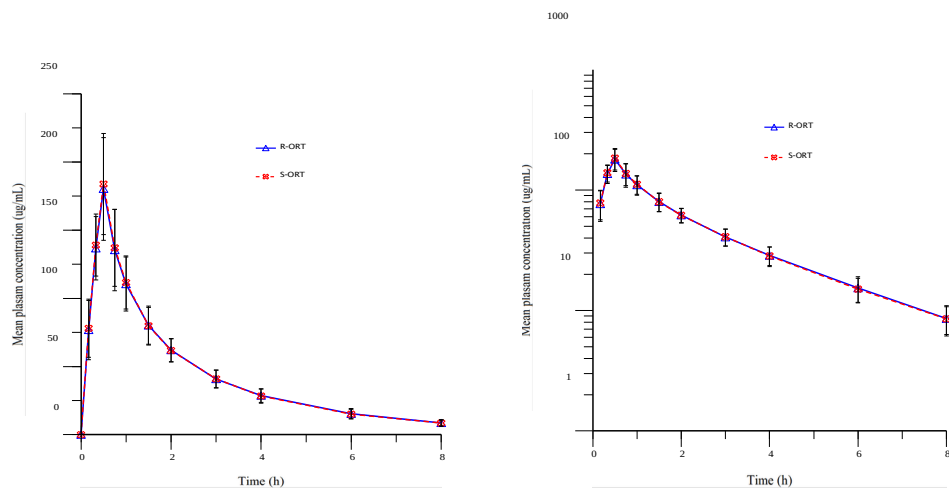


Fig. 6 Mean plasma concentrations-time profiles of S-ORT and R-ORT after a single intravenous infusion of 6.0 g racemic ORT injection, n=12 (arithmetic scale on the left and logarithmic scale on the right)