

Table 5. Comparison of dose-normalized AUC and C_{max} of vinpocetine and apovincaminic acid in rodents.

| Rat strain | Dose (mg/kg) | Vinpocetine | | Apovincaminic acid | | Reference |
|---|-----------------|---|-------------------------------|---|-------------------------------|--|
| | | C _{max} /dose (ng/mL)/(mg/kg) | AUC/dose (ng/ml)·h/(mg/kg) | C _{max} /dose (ng/mL)/(mg/kg) | AUC/dose (ng/ml)·h/(mg/kg) | |
| Hsd:Sprague Dawley® SD® rats | 5 | 68.4 | 424 | 214 | 1234 | Current study |
| Hsd:Sprague Dawley® SD® rats | 20 | 47.4 | 348 | 128 | 1210 | Current study |
| Wistar | 2.5 | NA | 261.6 | NA | 3089 | Vereczkey et al. (1979b) |
| Sparague Dawley | 1 | 23.8 | 57.4 | 86.6 | 472 | Xia et al. (2010) |
| Wistar | 2 | 67.6 | 262 | NA | NA | Sozanski et al. (2011) |