Supplementary Table S1.

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| **Table 1. Brain temperature during basal activity** **and pre- and postinjection** |
| Group | Basal activity (°C) | Pre injection (°C) | Post injection (°C) |
| PG + 1% DMSO | 35.62 ± 0.53 | 35.88 ± 0.50 | 35.94 ± 0.50 |
| PG + 0.3 mM icilin | 34.01 ± 0.64 | 35.03 ± 0.33 | 34.88 ± 0.26 |
| PG + 1.0 mM icilin | 34.99 ± 0.66 | 35.16 ± 0.45 | 35.10 ± 0.43 |
| PG + 3.0 mM icilinPG + 1% DMSO + 3.0 mM icilinPG + 0.3 mM AMTB + 1% DMSOPG + 0.3 mM AMTB + 3.0 mM icilinPG + 1.0 mM AMTB + 1% DMSOPG + 1.0 mM AMTB + 3.0 mM icilinPG + 3.0 mM AMTB + 1% DMSO | 34.74 ± 0.6035.52 ± 0.2033.77 ± 0.2034.44 ± 0.2534.24 ± 0.2933.67 ± 0.3434.03 ± 0.18 | 35.37 ± 0.5336.29 ± 0.1335.06 ± 0.3935.13 ± 0.1135.44 ± 0.2034.26 ± 0.2735.25 ± 0.44 | 35.22 ± 0.5435.99 ± 0.1734.92 ± 0.3635.49 ± 0.0835.62 ± 0.3634.48 ± 0.2935.36 ± 0.37 |
| PG + 3.0 mM AMTB + 3.0 mM icilin | 35.30 ± 0.39 | 35.67 ± 0.31 | 35.74 ± 0.35 |
| PG, penicillin G; DMSO, dimethyl sulfoxide; AMTB, N-(3-aminopropyl)-2-[(3-methylphenyl)methoxy]-N-(2-thienylmethyl)-benzamide hydrochloride. PG + 1% DMSO (n=7), PG + 0.3 mM icilin (n=7), PG + 1.0 mM icilin (n=7), PG + 3.0 mM icilin (n=7), PG + 1% DMSO + 3.0 mM icilin (n=6), PG + 0.3 mM AMTB + 1% DMSO (n=5), PG + 0.3 mM AMTB + 3.0 mM icilin (n=5), PG + 1.0 mM AMTB + 1% DMSO (n=5), PG + 1.0 mM AMTB + 3.0 mM icilin (n=5), PG + 3.0 mM AMTB + 1% DMSO (n=5), PG + 3.0 mM AMTB + 3.0 mM icilin (n=6). |