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Pharmacological inhibition of TLR4-NOX4 signal protects against neuronal death in transient focal ischemia

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Supplementary data

^{1}H-NMR spectra were obtained with JEOL JNMECA500 spectrometer at 500 MHz frequency in DMSO-d_6 with tetramethylsilane as an internal standard. Chemical shifts are reported in ppm. Coupling constants are reported in Hz. The multiplicity is defined by s (singlet), d (doublet), t (triplet), q (quartet), dt (double triplet), and m (multiplet). The direct analysis in real time (DART)-MS measurements were carried out on a JEOL JMS-T100TD.

{ethyl (6R)-6-[N-(2-chloro-4-fluorophenyl)sulfamoyl]cyclohex-1-ene-1- carboxylate : ^{1}H-NMR (DMSO-d_6, 500 MHz) δ: 1.04 (3H, t, J=7.0 Hz), 1.60-1.64 (1H, m), 1.71-1.79 (1H, m), 2.04-2.23 (2H, m), 2.24 (1H, dt, J=20.2, 4.9 Hz), 2.45 (1H, d, J=15.0 Hz), 2.99 (2H, q, J=7.2 Hz), 4.29 (1H, d, J=5.5 Hz), 7.09 (1H, t, J=3.8 Hz), 7.27 (1H, dt, J=8.1, 3.2 Hz), 7.52-7.56 (2H, m), 9.76 (1H, s). HR-DART-MS *m/z*: 362.0680 ($[M+H]^+$, Calcd for $C_{15}H_{18}ClFNO_4S^+$: 362.0624).

TAK-242 DMSO-d6 r.t.