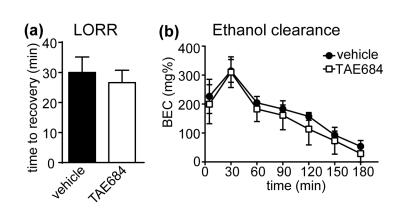
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Figure S1

Anaplastic lymphoma kinase (ALK) regulates binge-like drinking and dopamine receptor sensitivity in the ventral tegmental area



The ALK inhibitor TAE684 does not affect ethanol-induced loss of righting reflex (LORR) or ethanol clearance from the blood. (a) Time to recovery after ethanol-induced LORR after a 3.6 g/kg i.p. ethanol injection. There was no effect of TAE684 treatment on recovery time (t-test, t=0.51, df=6, *P*=0.63). (b) Blood ethanol concentrations in mg% (BEC) after i.p. injection of 2 g/kg ethanol. Blood was taken from the tail vein every 30 min after injection for 3 h. BECs were determined using a nicotinamide adenine dinucleotide-alcohol dehydrogenase (NAD-ADH) enzymatic assay.