Supplementary Table S1. Activity Measurements

	Assay conditions	*Control* (n = *15)*	*Galactosamine* (n = *16)*	p-*Value*
ALT (U/L)	Serum	28.33 ± 3.41	1212 ± 454.2[a]	< 0.001
AST (U/L)	Serum	131.5 ± 22.32	2466.0 ± 749.8[a]	< 0.001
MAT [pmol/(min·mg^{-1})]	60 μM Met	50.33 ± 3.43	54.03 ± 3.17	0.51
	60 μM Met + 10% DMSO	503.34 ± 34.27	622.31 ± 51.49	0.17
	5 mM Met	689.0 ± 132.2	336.1 ± 43.57[a]	0.04
BHMT [nmol/(min·mg^{-1})]	6.5 mM Betaine + 6.5 mM Hcy	0.268 ± 0.05	0.197 ± 0.07[a]	0.02
MAT III/I ratio	5 mM Met	1.08 ± 0.11	1.45 ± 0.56	0.29[b]

ALT and AST activities were measured in serum, whereas MAT and BHMT activities were determined in liver cytosol from control and D-galactosamine-treated animals that received two 400 mg/kg i.p. doses of the agent as described under the "Materials and Methods" section. The assay conditions correspond to total MAT activity (5 mM methionine), MAT I and MAT II activities (60 μM methionine), and MAT I, MAT II, and stimulated MAT III activities (60 μM methionine + 10% v/v DMSO). Activity in MATα1 tetramer (MAT I) and dimer (MAT III) peaks obtained by AGFC was measured at saturating concentrations of the substrates to calculate the MAT I/III activity ratio for animals in each group. The data shown are the mean ± SD of measurements made in triplicate for every individual in each group.

[a]Significant, $p \leq 0.05$.

[b]Variances significantly different according to Bartlett's test.

ALT, alanine aminotransferase; AST, aspartate aminotransferase; AGFC, analytical gel filtration chromatography; BHMT, betaine homocysteine methyltransferase; Hcy, homocysteine; MAT, methionine adenosyltransferase.