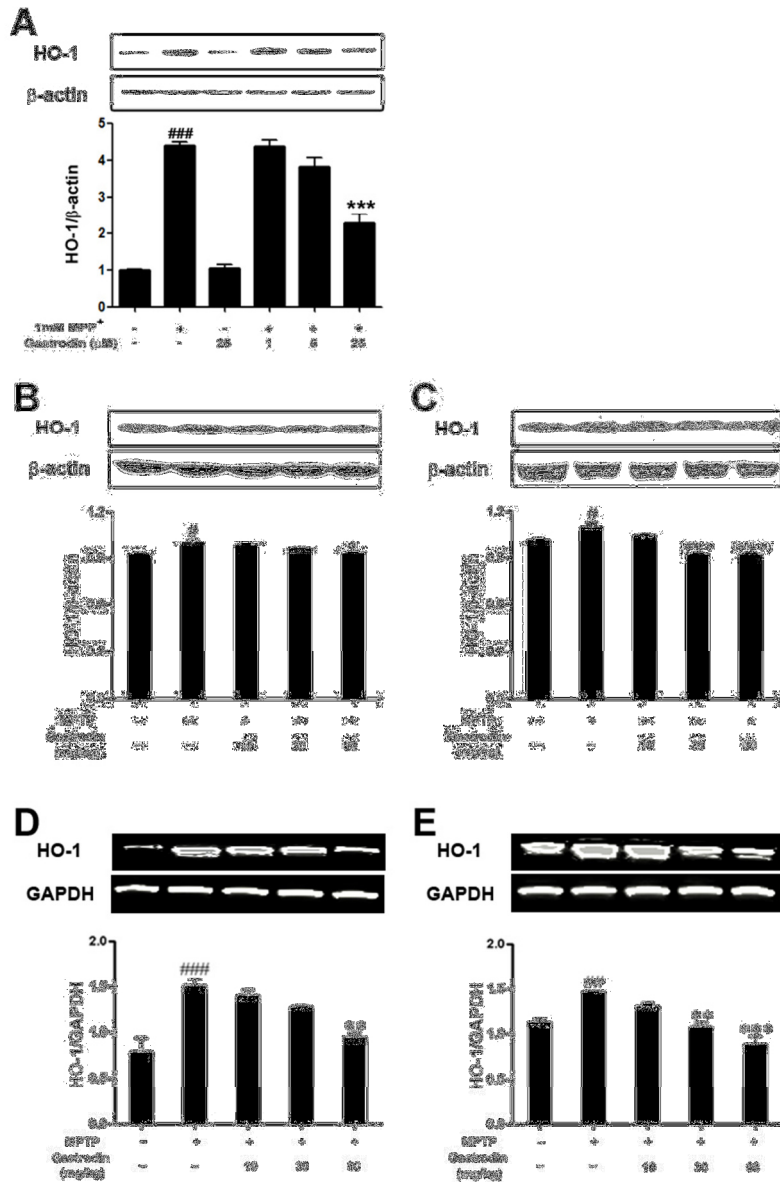


Supplementary Table 1. Primers used in this study

Gene		Primer	
Symbol		Forward	Reverse
Bax (m)		CACCAAGGTGCCGGAAGTGA	AATGCCCATGTCCCCCAATC
Bcl-2 (m)		ACGACTTCTCCCGCCGCTAC	CCCAGCCTCCGTTATCCTGG
GAPDH (m)		GCAGTGGCAAAGTGGAGATTG	TGCAGGATGCATTGCTGACA
Bax (h)		CTGGACAGTAACATGGAGC	TCTTCTTCCAGATGGTGAGT
Bcl-2 (h)		ACTTTGCAGAGATGTCCAGT	CGGTTCAGGTACTCAGTCAT
GAPDH (h)		GCAGTGGCAAAGTGGAGATTG	TGCAGGATGCATTGCTGACA
HO-1 (m)		TCCAGACACCGCTCCTCCAG	GGATTTGGGGCTGCTGCTTTC

Supplementary Figure 1



Supplementary Figure 1: Gastrodin prevents MPP⁺ and MPTP induced HO-1 expression in SH-SY5Y cells (A), the substantia nigra pars compacta (SNpC) (B), and striatum (C) respectively. HO-1 protein levels were assessed by Western blot analysis in cells/animal tissues. Bar graphs show quantitative data for HO-1 signals that are normalized to the β -actin signal (n = 3–4 per group). Semiquantitative PCR was done in SNpC and striatum area of mice after MPTP treatment. Expression of HO-1 mRNA in

SNpC (D) and striatum (E) Values are mean \pm standard error (### $p < 0.01$ vs. vehicle group) and (***) $p < 0.001$ and vs. MPP⁺/MPTP group)