

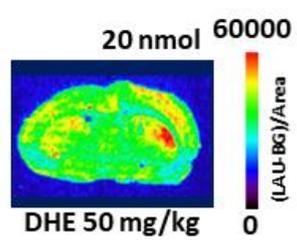
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2 Supplemental Figure 1.

3 The fluorescence stability upon repeated scanning of the same brain slices utilizing the

1 planar laser scanner. A; The fluorescent images provided by the initial and the 40th
2 scanning. SNP (20 nmol) was injected into the striatum on the right side of the image, and
3 saline was simultaneously injected into the contralateral striatum. DHE was administered
4 through the tail vein 60 minutes after SNP injection. B; The relative value of each
5 measurement for the initial measurement. The ROIs were identified based on the
6 fluorescent images. Mean \pm SD, n = 9.

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2 Supplemental Figure 2.

1 Fluorescence accumulation in the SNP injected mouse brain. SNP (20 nmol) was injected
2 into the striatum on the right side of the image, and saline was simultaneously injected
3 into the contralateral striatum. DHE (50 mg/kg) was administered through the tail vein
4 60 minutes after the SNP injection.
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2 Supplemental Figure 3.

3 Photographs of brains from mouse injected with Evans blue. SNP was injected into the

1 striatum (the bottom slice) on the right side of the image, and saline was simultaneously
2 injected into the contralateral striatum. Experiments were carried out with four mice.
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