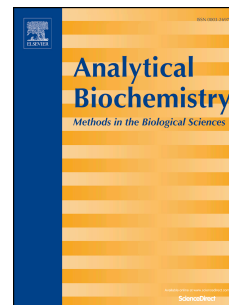


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# Utility of an appropriate reporter assay: Heliotrine interferes with GAL4/UAS-driven reporter gene systems

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## Highlights:

- Heliotrine inhibits and perturbs GAL4/UAS-driven luciferase reporter assays
- This effect is independent of direct effects on the firefly luciferase enzyme
- Closely related chemicals fail to resemble the inhibitory effects of heliotrine
- Proper control experiments are necessary to avoid disturbance of reporter assays

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