

Editor's Comment:

I am afraid that it is not possible to accept this manuscript for publication. It is true that authors partially responded all the referees' questions, but the problem is a general aspect always forgotten in studies about putative actions of natural products.

1. Ethical procedures. It is true that formalin test is widely used, as well as other similar tests. However, authors did not give any evidence of approval of experimental protocol by an Ethic committee.
2. Many prestige editorials do not accept protocols using these procedures. Instead is recommended the use of other gentile protocols, for example, hot plate test.
3. Lastly, natural products studies always claim very impressive actions. However, authors neither mention any toxicological study, nor mention (at least) any bibliographic reference about lethal dose, effective dose, toxic dose, etc. In such a case, it is impossible to distinguish any benefic action from toxic actions. In this particular study authors report dose-response analgesic and sedative actions. Perhaps, it is true, but also may be true that these are toxic actions. How distinguish between sedation and analgesia, syncope or coma? Barbiturates, for example, reduce all responses to painful stimulation, and in no way are analgesics; in fact, barbiturates are sedative drugs with a dangerous low therapeutic range.

Editor's Details:

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