

Analgesic activity of newly synthesized 7-chloro-2-methyl-4H-benzo[d][1,3]-oxazin-4-one and 3-amino-7-chloro-2-methyl-quinazolin-4(3H)-one

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Abstract. The current study is aimed at the analgesic evaluation of quinazolinone derivatives. The quinazolinone derivatives 7-chloro-2-methyl-4H-benzo[d][1,3]-oxazin-4-one and 3-amino-7-chloro-2-methyl-quinazolin-4(3H)-one were evaluated pharmacologically for their *in vivo* analgesic activities by acetic acid induced writhing in mice. The compounds exhibited significant analgesic activity in the range of 74.67 - 83.80% in comparison to control.

Keywords: 3-amino-7-chloro-2-methyl-quinazolin-4(3H)-one, 7-chloro-2-methyl-4H-benzo[d][1,3]-oxazine-4-one, quinazolin-4(3H)-one, analgesic activity.

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