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J Ethnopharmacol. 2005 Jan 4;96(1-2):207-10.

## Analgesic and anti-inflammatory activities of [6]-gingerol.

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### Abstract

In the present study, the analgesic and anti-inflammatory effects of [6]-gingerol, which is the pungent constituent of ginger, were performed. Intraperitoneal administration of [6]-gingerol (25 mg/kg-50 mg/kg) produced an inhibition of acetic acid-induced writhing response and formalin-induced licking time in the late phase. [6]-Gingerol (50 mg/kg-100 mg/kg) also produced an inhibition of paw edema induced by carrageenin. These results suggested that [6]-gingerol possessed analgesic and anti-inflammatory activities.

PMID: 15588672 [PubMed - indexed for MEDLINE]



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