

论著

21 种中草药抗Trp-P-1 的致突变活性

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摘要 本文采用Ames 系统对21 种中草药60%乙醇提取试样抗3-amino-1,4-dimethyl-5H-pyrido 4,3-bindole (Trp-P-1) 致突变活性进行检测。实验结果表明,其中七种中草药:猫人参、黄药子、关木通、山偏柏、半支莲、五加皮、花椒具有较强的抗Trp-P-1 致突变活性。川牛膝、莪术的乙醇提取物没有抗Trp-P-1 致突变活性,但是川牛膝、莪术的水提取物有抗Trp-P-1 的致突变活性。

关键词 [抗突变性](#) [中草药](#) [Ames 试验](#)

ANTIMUTAGENIC ACTIVITY ON THE TRP-P-1 OF 21 CHINESE MEDICINAL PLANTS

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Abstract The antimutagenicity of 21 t raditional Chinese herbal medicinal plant s on Trp2P21 were investigated with Ames bioassay system. It was found that Actinidia val vata Dunn , Dioscorea bulbif fera L . , A ristolochia manushuriensis Kom . , Selaginell adoederleinii Hieron . , Scutellaria rev ularis Wall . , Acanthopanax gracil2 i2styl us W . W . S mith. and Zanthox yl um bungeanum Maxim . possessed st rong antimutagenic effect s. The antimutagenic activity on the Trp2P21 of 60 % EtOH ext ract s f rom Cythula of f cinalis kuan . Curcuma Zedoaria (Berg) . Rose had not been found but antimutagenic effect s of the aqueous ext ract s f rom Cythula of f icinalis kuan and Curcuma zedoaria (Berg.) Rose. on the Trp2P21 were observed.

Keywords [Antimutagenicity](#) , [Chinese herbal medicines](#) , [Ames assay](#)

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