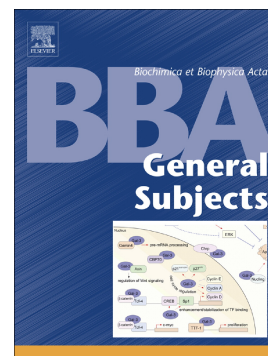


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Identification of (4-(9H-fluoren-9-yl) piperazin-1-yl) methanone derivatives as falcipain 2 inhibitors active against Plasmodium falciparum cultures

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Abstract

Background

Falcipain 2 (FP-2) is the haemoglobin-degrading cysteine protease of *Plasmodium falciparum* most extensively targeted to develop novel antimalarials. However, no commercial antimalarial drugs based on FP-2 inhibition are available yet due to the low selectivity of most FP-2 inhibitors against the human cysteine proteases.

Methods

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