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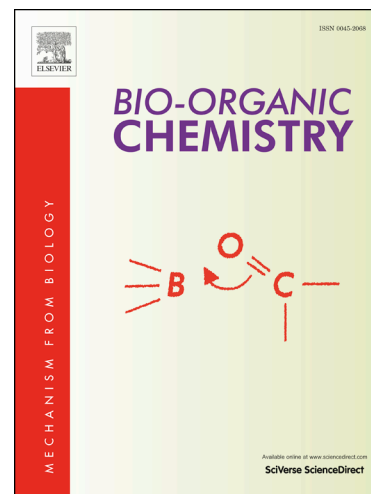
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# Identification of Human, Rat and Mouse Hydrolyzing Enzymes Bioconverting Amino Acid Ester Prodrug of Ketoprofen

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## *Keywords*

*Bioconversion, Carboxylesterases, Cholinesterases, Esters, Paraoxygenases, Prodrugs*

## *Abbreviations*

AADAC, arylacetamide deacetylase; AChE, acetylcholinesterase; AEA, arachidonylethanolamide; 2-AG, 2-arachidonoylglycerol; BChE, butyrylcholinesterase; BBB, blood-brain barrier; CES1 carboxylesterases 1; CES2, carboxylesterases 2; CNS, central nervous system; 3D-QSAR, 3-dimensional quantitative structure activity; EDTA, ethylenediaminetetraacetic acid; FAAH, fatty acid amide hydrolase; LAT1, L-type amino acid transporter 1; MGL, monoacylglycerol lipase; PON1, paraoxygenase 1

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