Other bioactive products

U 1300

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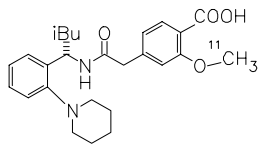
Synthesis and in vitro Evaluation of (S)-2-([^{11}C]Methoxy)-4-[3-methyl-1-(2-piperidine-1-yl-phenyl)-butyl-carbamoyl]-benzoic Acid ([^{11}C]Methoxy-repaglinide): A Potential β-Cell Imaging Agent. — A method is given for the synthesis of enantiomerically pure ^{11}C-labeled methoxy-repaglinide (I). In vitro evaluation studies of the non-radioactive analogue of (I) show that this compound binds with high affinity to the human SUR1 receptor of the pancreas. — (WAENGLER, B.; BECK, C.; SHIUE, C. Y.; SCHNEIDER, S.; SCHWANSTECHER, C.; SCHWANSTECHER, M.; FEILEN, P. J.; ALAVI, A.; ROESCH, F.; SCHIRRMACHER*, R.; Bioorg. Med. Chem. Lett. 14 (2004) 20, 5205-5209; Inst. Nucl. Chem., Johannes-Gutenberg-Univ., D-55128 Mainz, Germany; Eng.) — M. Bohle



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