

A method of producing, at a high conversion rate and with good reproducibility, a 3-[(S)-7-bromo-2-(2-oxo-propylamino)-5-pyridine-2-yl]-3H-1,4-benzodiazepine-3-yl)methyl propionate through the oxidization of a 3-[(S)-7-bromo-2-(2-hydroxy-propylamino)-5-pyridine-2-yl]-3H-benzo[e][1,4]diazepine-3-yl)methyl propionate by means of an oxidation catalyst is provided by regulating the ammonium ion content of the 3-[(S)-7-bromo-2-(2-hydroxy-propylamino)-5-pyridine-2-yl]-3H-benzo[e][1,4]diazepine-3-yl)methyl propionate.