

REACTION OF LACTIM ETHERS WITH 2-CARBETHOXYMETHYL PIPERIDINES

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Annulation of methyl valerolactim (2) and methyl caprolactim (3) with cyclic β -aminoesters such as, 2-carbethoxymethyl piperidine derivatives (4 or 5) often gave two kinds of products (A and B) probably attributed to both the imine and the enamine forms in 2 and 3, whereas that of methyl butyrolactim (1) afforded only the imine type product (A). These chemical behaviours were compatible with observation of lactim ethers in CD_3OD solution. On the other hand, annulation of lactim thioethers (1', 2', and 3') with 4 furnished only (A) type products.

