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(54) **Title:** NEW PROCESS FOR PREPARING 3-METHYL-4-PHENYLISOXAZOLO[3,4-D]PYRIDAZIN-7(6H)-ONE

(57) **Abstract:** A process for preparing 3-methyl-4-phenylisoxazolo[3,4-d]pyridazin-7(6H)-one which process comprises the steps of: a) reacting 1 -phenylbutane-1,3-dione with ethyl 2-chloro-2-(hydroxyimino)acetate, b) subsequently reacting the product from step (a) with hydrazine or an hydrate thereof to yield 3-methyl-4-phenylisoxazolo[3,4-d]pyridazin-7(6H)-one, wherein step (b) is carried out on the mixture resulting from step (a) without isolating ethyl 4-benzoyl-5-methylisoxazole-3-carboxylate there from.