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Patent Search

Invention Title	A PROCESS OF PREPARATION OF ANTICHOLINESTERASE ACTIVITY EXHIBITING UNIFIED BORNEOL AND TRYPTOPHAN DRUG
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Abstract:

TITLE: A PROCESS OF PREPARATION OF ANTICHOLINESTERASE ACTIVITY EXHIBITING UNIFIED BORNEOL AND TRYPTOPHAN DRUG APPLICANT: SREE BALAJI MEDICAL AND HOSPITAL ABSTRACT The present invention discloses a process of preparation of unified borneol and tryptophan formulation exhibiting enhanced activity of anticholinesterase for treating neurodegenerative disease and neuropsychiatric diseases. The process of the present invention comprises of following steps; a. dissolving Trp-OH, Hexafluorophosphate Benzotriazole Tetramethyl Uronium (HBTU) and Hydroxybenzotriazole (HOBt) in dimethyl formamide under stirring followed by addition of Diisopropylethylamine (DIPEA) to form activated tryptophan mixture; b. dissolving borneol in dichloromethane to form borneol solution; c. characterized in mixing the tryptophan mixture and the borneol solution under stirring followed by evaporating to form a concentrated mixture and pouring the concentrated mixture in ice-cold water followed by extracting using ethyl acetate for plurality of times to form ethyl acetate solution and concentrating to obtain a pasty mass and purifying the pasty mass by column chromatography and finally carrying out evaporation to obtain a pale brown viscous solid unified borneol and tryptophan formulation.

Complete Specification

Description:Form 2

THE PATENT ACT, 1970
(39 of 1970)

&

THE PATENT RULES, 2003
COMPLETE SPECIFICATION
(See section 10 and rule 13)

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