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(54) **PROCESS FOR THE EXTRACTION,
PURIFICATION AND ENZYMATIC
MODIFICATION OF SOY 7S GLOBULIN α'
SUBUNIT FOR USE AS
HYPOCHOLESTEROLEMIZING AGENT**

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(58) **Field of Classification Search** None
See application file for complete search history.

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(57) **ABSTRACT**

A process for the extraction, purification and enzymatic
modification of β -conglycinin α' subunit, wherein β -congly-
cinin is selectively extracted from ground, defatted soy, then
precipitated by treatment with aqueous ethanol; the enriched
fraction is then subjected to Metal Affinity Chromatography
(MAC) in denaturant conditions to obtain the α' subunit,
which is treated with chymotrypsin, then subjected to a fur-
ther MAC to recover the amino-terminal region of this
polypeptide (MW 28,000 Da).

11 Claims, 2 Drawing Sheets