

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202541127962 A

(19) INDIA

(22) Date of filing of Application :17/12/2025

(43) Publication Date : 02/01/2026

(54) Title of the invention : Composition for inhibiting Alpha-Glucosidase and method for preparing

(51) International classification	:A61P 3/10, A61K 36/185, A61P 43/00, A61K 31/192, A61K 36/8962	(71) Name of Applicant : 1)JSS Academy of Higher Education & Research Address of Applicant :Sri Shivarathreeshwara Nagara, Mysuru, Karnataka, India - 570015 Mysuru Karnataka India
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(86) International Application No	:	
Filing Date	:01/01/1900	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Composition for inhibiting Alpha-Glucosidase and method for preparing The present invention relates to the formulation for inhibiting alpha glucosidase activity and method of extracting the alpha glucosidase alpha glucosidase inhibitor (AGI) components from the Macrotyloma uniflorum (M. uniflorum) seeds. The formulation comprising Macrotyloma uniflorum (M. uniflorum) broth; seasoning agent and flavouring agent inhibits the activity of alpha glucosidase. The alpha glucosidase inhibitor (AGI) components are extracted from the seed coat of the M. uniflorum that consists consists protocatechuic acid (3,4-dihydroxybenzoic acid), Gentsic acid, Vanillic acid, 2,3-dihydroxybenzoic acid, 2,6-dihydroxybenzoic acid, 3,5-dihydroxybenzoic acid, and 3-hydroxy-4-methoxybenzoic acid.

No. of Pages : 46 No. of Claims : 11