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## (54) Title of the invention : NEUROPROTECTIVE AGENTS FOR TYPE-2 DIABETES MELLITUS-INDUCED DEMENTIA

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A pharmaceutical composition for treating Type-2 Diabetes Mellitus (T2DM)-induced dementia includes Synta-66 as an active ingredient, which ameliorates cognitive deficits, reduces neuroinflammation, and protects neurons from oxidative stress. The composition may be in the form of a tablet or capsule and includes various excipients such as microcrystalline cellulose, lactose monohydrate, croscarmellose sodium, magnesium stearate, povidone (K30), and colloidal silicon dioxide. Additionally, a film coating may be included. The composition is designed to provide a therapeutic effect for subjects in need. Reference Fig 1

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<sup>(57)</sup> Abstract: