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Beta-Glucan MM-10-001

National Cancer Institute

Source

National Cancer Institute. *Beta-Glucan MM-10-001*. NCI Thesaurus. Code C82657.

A powder formulation containing a triple helix beta-glucan, isolated from the cell walls of the shiitake mushroom (*Lentinula edodes*), with potential immunostimulating activity. The beta-glucan in beta-glucan MM-10-001 binds to a lectin site within the complement receptor 3 (CR3 or iC3b receptor) on leukocytes, priming the receptor to trigger cytotoxic degranulation of leukocytes when leukocyte CR3 binds to iC3b-opsonized tumor cells. iC3b is the proteolytically inactive product of the complement cleavage fragment C3b.