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Yarrowia lipolytica

National Cancer Institute

Source

National Cancer Institute. *Yarrowia lipolytica*. NCI Thesaurus. Code C114257.

A dimorphic yeast in the phylum Ascomycota. This species is strictly aerobic, degrades hydrophobic substrates, assimilates glucose, fructose and mannose, and utilizes ethanol and glycerol as carbon sources. *Y. lipolytica* is a biocatalyst and used commercially in biotransformation to catalyze hydrolysis, esterification, interesterification and transesterification reactions. It is also used for the production of citric acid.