

Enzyme Pullulanase

Systematic name pullulan 6- α -glucanohydrolase

IUBMB nomenclature Pullulanase

CAS number 9075-68-7

IUBMB number EC 3.2.1.41

EC number 232-983-9

Synonyms

- limit dextrinase (erroneous); amylopectin 6-glucanohydrolase; bacterial debranching enzyme; debranching enzyme; α -dextrin endo-1,6- α -glucosidase; R-enzyme; pullulan α -1,6-glucanohydrolase

Properties Hydrolysis of (1 $\rightarrow$ 6)- α -D-glucosidic linkages in pullulan, amylopectin and glycogen, and in the α - and β -limit dextrins of amylopectin and glycogen.