



Enzyme Endo-polygalacturonase

Systematic name (1→4)- α -D-galacturonan glycanohydrolase (endo-cleaving)

IUBMB nomenclature Endo-polygalacturonase

CAS number 9032-75-1

IUBMB number EC 3.2.1.15

EC number 232-885-6

Synonyms

- pectin depolymerase (ambiguous); pectinase (ambiguous); endopolygalacturonase; pectolase (ambiguous); pectin hydrolase (ambiguous); pectin polygalacturonase (ambiguous); polygalacturonase (ambiguous); poly- α -1,4-galacturonide glycanohydrolase (ambiguous); endogalacturonase; endo-D-galacturonase; poly(1,4- α -D-galacturonide) glycanohydrolase (ambiguous)

Properties $(1,4\text{-}\alpha\text{-D-galacturonosyl})_{n+m} + \text{H}_2\text{O} = (1,4\text{-}\alpha\text{-D-galacturonosyl})_n + (1,4\text{-}\alpha\text{-D-galacturonosyl})_m$