

Enzyme Pectate lyase

Systematic name (1→4)- α -D-galacturonan lyase

IUBMB nomenclature Pectate lyase

CAS number 9015-75-2

IUBMB number EC 4.2.2.2

EC number 232-766-9

Synonyms

- polygalacturonic transeliminase; pectic acid transeliminase; polygalacturonate lyase; endopectin methyltranseliminase; pectate transeliminase; endogalacturonate transeliminase; pectic acid lyase; pectic lyase; α -1,4-D-endopolygalacturonic acid lyase; PGA lyase; PPase-N; endo- α -1,4-polygalacturonic acid lyase; polygalacturonic acid lyase; pectin trans-eliminase; Polygalacturonic acid trans-eliminase

Properties Eliminative cleavage of (1→4)- α -D-galacturonan to give oligosaccharides with 4-deoxy- α -D-galact-4-enuronosyl groups at their non-reducing ends.