

Enzyme Endo-1,3(4)- β -glucanase

Systematic name 3-(1 $\rightarrow$ 3;1 $\rightarrow$ 4)- β -D-glucan 3(4)-glucanohydrolase

IUBMB nomenclature Endo-1,3(4)- β -glucanase

CAS number 62213-14-3

IUBMB number EC 3.2.1.6

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Synonyms

- endo-1,3- β -D-glucanase; laminarinase; laminaranase; β -1,3-glucanase; β -1,3-1,4-glucanase; endo-1,3- β -glucanase; endo- β -1,3(4)-glucanase; endo- β -1,3-1,4-glucanase; endo- β -(1 $\rightarrow$ 3)-D-glucanase; endo-1,3-1,4- β -D-glucanase; endo- β -(1-3)-D-glucanase; endo- β -1,3-glucanase IV; endo-1,3- β -D-glucanase; 1,3-(1,3;1,4)- β -D-glucan 3(4)-glucanohydrolase

Properties Endohydrolysis of (1 $\rightarrow$ 3)- or (1 $\rightarrow$ 4)-linkages in β -D-glucans when the glucose residue whose reducing group is involved in the linkage to be hydrolysed is itself substituted at C-3