

## Soil $\beta$ -Glucosidase Assay Kit (Microanalysis)

### Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder -20°C for 3 years  
In solvent -80°C for 2 years

Actual storage temperature shall be subject to the COA.

### Biological Description

Description	$\beta$ -Glucosidase ( $\beta$ -D-Glucosidase, S- $\beta$ -GC, EC 3.2.1.21), also known as $\beta$ -D-glucoside glucohydrolase, gentiobiose enzyme, cellobiase (CB or $\beta$ -G), and amygdalase, belongs to the cellulase family. It is a key component of the cellulolytic enzyme system and catalyzes the hydrolysis of terminal non-reducing $\beta$ -D-glucosidic bonds, releasing $\beta$ -D-glucose and the corresponding aglycone. S- $\beta$ -GC plays a significant physiological role in carbohydrate metabolism in soil microorganisms.
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