

Thioglucosidase, Sinapis alba (white mustard) seed

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	Thioglucosidase, derived from Sinapis alba (white mustard) seed (EC 3.2.1.147), catalyzes the hydrolysis of the S-glycosidic bond in thio-glucoside substrates, producing an unstable aglycone. This intermediate undergoes rearrangement and sulfate group elimination, leading primarily to the formation of isothiocyanates, with the production of thiocyanates and nitriles as well.
Targets(IC50)	Endogenous Metabolite

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