
Product Data Sheet

Product Name: Bromelain

Cat. No.: GC62536

Chemical Properties

Cas. No. 9001-00-7

Formula

M.Wt

Solubility DMSO : 6.67 mg/mL (ultrasonic and warming and heat to 60°C)

Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Bromelain is a mixture of proteolytic enzymes and non-protease components (phosphatases, glucosidases, peroxidases, cellulases, glycoproteins, and carbohydrates) derived from the stem and fruit of pineapple plants.^{1,2} Bromelain has been studied for a number of potentially beneficial effects, including anti-inflammatory, anti-thrombotic, fibrinolytic, and anti-cancer functions.^{1,2}

1.Chobotova, K., Vernallis, A.B., and Majid, F.A.A. Bromelain's activity and potential as an anti-cancer agent: Current evidence and perspectives *Cancer Lett.* 290(2)148-156(2010)

2.Yuan, G., Wahlqvist, M.L., He, G., et al. Natural products and anti-inflammatory activity *Asia Pac. J. Clin. Nutr.* 15(2)143-152(2006)

Caution: Product has not been fully validated for medical applications. For research use only.

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