
Product Data Sheet

Product Name: Enocyanin

Cat. No.: GC30664

Chemical Properties

Cas. No. 11029-12-2

SMILES [Enocyanin]

Formula

M.Wt

Solubility DMSO : \geq 50 mg/mL; Water : 5 mg/mL

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**

Enocyanin is an anthocyanin extracted from grapes. Enocyanin shows inhibitory effect on the leucine aminopeptidase, acid phosphatase, γ -glutamyl transpeptidase and esterase activity[1].

Enocyanin (0.1%) affects the leucine aminopeptidase, acid phosphatase, γ -glutamyl transpeptidase and esterase activity by 63%, 100%, 134% and 99%, respectively[1].

[1]. Sako F, et al. A study on the toxicity of natural food dyes--toxicity and enzyme inhibition in Paramecium caudatum. J Toxicol Sci. 1978 May;3(2):127-36.

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

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