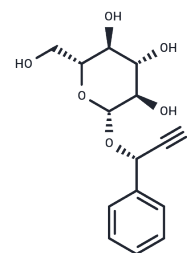


Sambunigrin

Chemical Properties

CAS No. :	99-19-4
Formula:	C ₁₄ H ₁₇ N ₁ O ₆
Molecular Weight:	295.29
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	Sambunigrin is a cyanogenic glycoside.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3865 mL	16.9325 mL	33.865 mL
5 mM	0.6773 mL	3.3865 mL	6.773 mL
10 mM	0.3387 mL	1.6933 mL	3.3865 mL
50 mM	0.0677 mL	0.3387 mL	0.6773 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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- Franks TK, Hayasaka Y, Choimes S, van Heeswijck R. Cyanogenic glucosides in grapevine: polymorphism, identification and developmental patterns. *Phytochemistry.* 2005 Jan;66(2):165-73. PubMed PMID: 15652573.
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