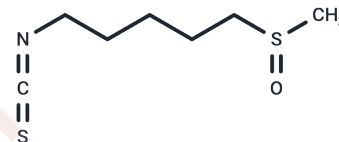


## Alyssin, (R)-

## Chemical Properties

CAS No. :	167963-06-6
Formula:	C7H13NOS2
Molecular Weight:	191.31
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	Alyssin, (R)-, is an analogue of Sulforaphane that has been shown to have cytotoxic effect on CCRF-SB leukemia cells and lymphoblastoid cells.
Targets(IC50)	Others, Reactive Oxygen Species, Microtubule Associated

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.2271 mL	26.1356 mL	52.2712 mL
5 mM	1.0454 mL	5.2271 mL	10.4542 mL
10 mM	0.5227 mL	2.6136 mL	5.2271 mL
50 mM	0.1045 mL	0.5227 mL	1.0454 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

Misiewicz I, Skupinska K, Kasprzycka-Guttman T. Differential response of human healthy lymphoblastoid and CCRF-SB leukemia cells to sulforaphane and its two analogues: 2-oxohexyl isothiocyanate and alyssin. Pharmacol Rep. 2007 Jan-Feb;59(1):80-7. PubMed PMID: 17377210.

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