



LKT Laboratories, Inc.

1-Isothiocyanato-6-(methylsulfonyl)-hexane

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Product Information

Product ID I7557

CAS No. 167963-03-3

Chemical Name

Synonym 6-Methylsulfonylhexyl isothiocyanate

Formula C₈H₁₅NO₂S₂

Formula Wt. 221.34

Melting Point

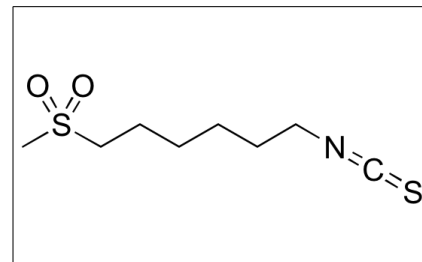
Purity ≥98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description 1-Isothiocyanato-6-(methylsulfonyl)-hexane is a synthetic compound that is related to sulforaphane. This isothiocyanate is a synthetic derivative of 6-methylsulfinyl-hexane isothiocyanate, which was initially produced by *Wasabia*; it exhibits anticancer activity. This compound inhibits SOX2 signaling, induces G2/M phase cell cycle arrest, and suppresses cell viability in pancreatic cancer cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
I7557	5 mg	\$121.80
I7557	25 mg	\$239.40
I7557	50 mg	\$429.30
I7557	100 mg	\$734.20

References Chen YJ, Huang YC, Tsai TH, et al. Effect of Wasabi Component 6-(Methylsulfinyl)hexyl Isothiocyanate and Derivatives on Human Pancreatic Cancer Cells. *Evid Based Complement Alternat Med.* 2014;2014:494739. PMID: 24575144.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.