



LKT Laboratories, Inc.

S-Sulforaphane

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Product Information

Product ID S8045

CAS No. 155320-20-0

Chemical Name 1-Isothiocyanato-4[(S)-(methylsulfinyl)]-butane

Synonym D-Sulforaphane

Formula C₆H₁₁NOS₂

Formula Wt. 177.29

Melting Point

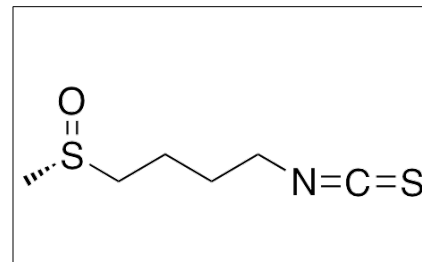
Purity ≥97%

Solubility Soluble in ethanol,
methanol, or ethyl acetate.
Miscible with water and/or
DMSO.

Store Temp -20°C

Ship Temp Ambient

Description S-Sulforaphane is a synthetic isothiocyanate. The R isomer of sulforaphane is found in broccoli. Sulforaphane is an inducer of phase II enzymes, displaying antioxidative and chemopreventive activities. It may inhibit the aryl hydrocarbon receptor (AhR).



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
S8045	5 mg	\$238.50
S8045	10 mg	\$405.90

References Abdull Razis AF, Hanlon N, Soltys E, et al. The naturally occurring aliphatic isothiocyanates sulforaphane and erucin are weak agonists but potent non-competitive antagonists of the aryl hydrocarbon receptor. Arch Toxicol. 2012 Oct;86(10):1505-14. PMID: 22643862.

Abdull Razis AF, Bagatta M, De Nicola GR, et al. Induction of epoxide hydrolase and glucuronosyl transferase by isothiocyanates and intact glucosinolates in precision-cut rat liver slices: importance of side-chain substituent and chirality. Arch Toxicol. 2011 Aug;85(8):919-27. PMID: 21132492.

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