



LKT Laboratories, Inc.

(±)-S-Propyl-L-cysteine-S-oxide

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## Product Information

Product ID P6855

CAS No.

Chemical Name

Synonym

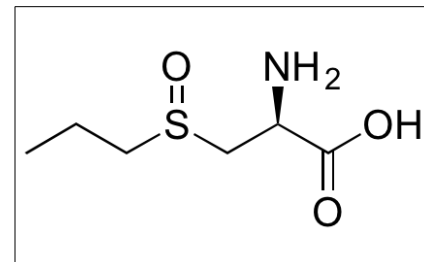
Formula  $C_6H_{13}NO_3S$

Formula Wt. 179.24

Melting Point

Purity  $\geq 98\%$

Solubility



**Bulk quantities available upon request**

| Product ID | Size  |
|------------|-------|
| P6855      | 10 mg |
| P6855      | 25 mg |

Store Temp -20° C

Ship Temp Ambient

**Description** S-Propyl-L-cysteine-S-oxide can be found in *Allium* plants; it may inhibit oil drop formation in vitro, displaying anti-obesity potential. This compound is a synthetic analog of alliin.

**References** Yoshinari O, Shiojima Y, Igarashi K. Anti-obesity effects of onion extract in Zucker diabetic fatty rats. *Nutrients*. 2012 Oct 22;4(10):1518-26. PMID: 23201769.

Krest I, Glodek J, Keusgen M. Cysteine sulfoxides and alliinase activity of some *Allium* species. *J Agric Food Chem*. 2000 Aug;48(8):3753-60. PMID: 10956182.

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