



LKT Laboratories, Inc.

## R-(-)- $\alpha$ -Methylbenzyl Isothiocyanate

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### Product Information

Product ID M1777

CAS No. 24277-44-9

**Chemical Name**

Synonym L- $\alpha$ -Methylbenzyl isothiocyanate

Formula  $C_9H_9NS$

Formula Wt. 163.24

**Melting Point**

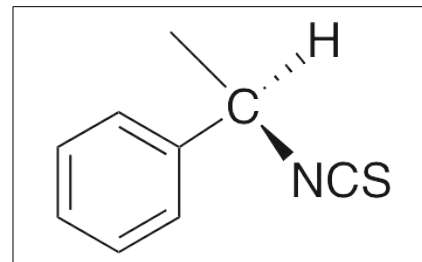
Purity  $\geq 98\%$

Solubility Soluble in DMSO.

Store Temp  $4^{\circ}C$

Ship Temp Ambient

**Description** This compound induces phase II enzymes in the urinary bladder in animal models. Like other ITCs, methylbenzyl isothiocyanate exhibits chemopreventive potential. This compound can be used as a chiral agent in the separation of enantiomers



### Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
M1777	1 g	\$66.60
M1777	5 g	\$264.70
M1777	10 g	\$449.40

$[\alpha]_D^{20} -29.4$  (neat) TEST!!!!!!

**References** Munday R, Zhang Y, Munday CM, et al. Structure-activity relationships and organ specificity in the induction of GST and NQO1 by alkyl-aryl isothiocyanates. *Pharm Res.* 2008 Sep;25(9):2164-70. PMID: 18563540.

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