



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<sub>9</sub>H<sub>9</sub>NS

Formula Wt. 163.24

Melting Point

Purity  $\geq$ 98%

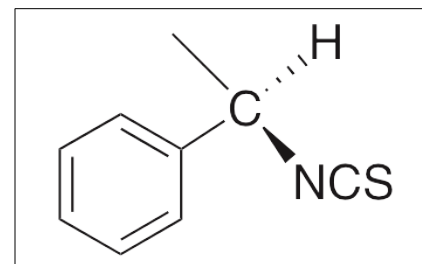
Solubility Soluble in DMSO.

Store Temp 4° 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

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



**Bulk quantities available upon request**

Product ID	Size
M1777	1 g
M1777	5 g
M1777	10 g

**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.