



LKT Laboratories, Inc.

R-(-)- α -Methylbenzyl Isothiocyanate

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Product Information

Product ID M1777

CAS No. 24277-44-9

Chemical Name

Synonym L- α -Methylbenzyl isothiocyanate

Formula C_9H_9NS

Formula Wt. 163.24

Melting Point

Purity $\geq 98\%$

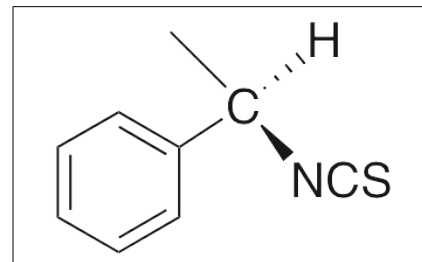
Solubility Soluble in DMSO.

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)



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M1777	1 g	\$90.70
M1777	5 g	\$360.70
M1777	10 g	\$612.60

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.