



LKT Laboratories, Inc.

2-n-Butylthiophene

Phone: 888-558-5227

651-644-8424

Fax: 888-558-7329

Email: getinfo@lktlabs.com

Web: lktlabs.com

Product Information

Product ID B8176

CAS No. 1455-20-5

Chemical Name

Synonym

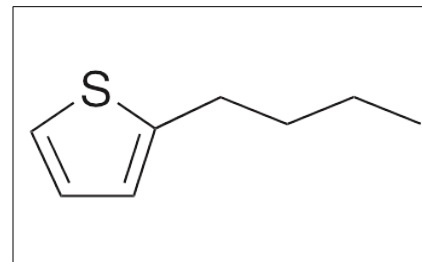
Formula $C_8H_{12}S$

Formula Wt. 140.25

Melting Point

Purity $\geq 98\%$

Solubility Soluble in acetone, DMSO, ethanol.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B8176	5 g	\$110.90
B8176	10 g	\$203.70

Store Temp Ambient

Ship Temp Ambient

Description 2-n-Butylthiophene is a sulfur analog of furan originally found in cooked meat products. 2-n-Butylthiophene is a phase II enzyme inducer that exhibits antioxidative and chemopreventive activities. This compound increases levels of glutathione and glutathione-S-transferase, preventing benzo[a]pyrene-induced tumor formation.

References Lam LK, Zheng BL. Inhibitory effects of 2-n-heptylfuran and 2-n-butylthiophene on benzo[a]pyrene-induced lung and forestomach tumorigenesis in A/J mice. *Nutr Cancer*. 1992;17(1):19-26. PMID: 1574441.

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