



LKT Laboratories, Inc.

4'-Bromoflavone

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Product Information

Product ID B6857

CAS No. 20525-20-6

Chemical Name

Synonym 4'BF, 4'-Bromo-2-phenyl-4H-1-benzopyran-4-one

Formula $C_{15}H_9BrO_2$

Formula Wt. 301.13

Melting Point 176-178 °C (lit.)

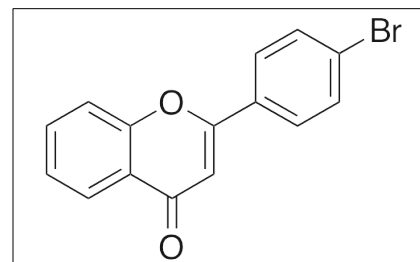
Purity $\geq 98\%$

Solubility

Store Temp Ambient

Ship Temp Ambient

Description 4-Bromoflavone displays antioxidative and chemopreventive activities. 4-Bromoflavone activates Nrf2-Keap1-ARE complex signaling and also induces quinone reductase and other phase II enzymes. Additionally, this compound prevents the development of mammary tumors, increasing tumor latency in vivo.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
B6857	1 g	\$44.80
B6857	5 g	\$164.90
B6857	10 g	\$277.30

References Lee JS, Surh YJ. Nrf2 as a novel molecular target for chemoprevention. *Cancer Lett.* 2005 Jun 28;224(2):171-84. PMID: 15914268.

Mehta RG, Pezzuto JM. Discovery of cancer preventive agents from natural products: from plants to prevention. *Curr Oncol Rep.* 2002 Nov;4(6):478-86. PMID: 12354359.

Song LL, Kosmeder JW 2nd, Lee SK, et al. Cancer chemopreventive activity mediated by 4'-bromoflavone, a potent inducer of phase II detoxification enzymes. *Cancer Res.* 1999 Feb 1;59(3):578-85. PMID: 9973203.

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