LKT Laboratories, Inc.

Glucoraphenin Potassium

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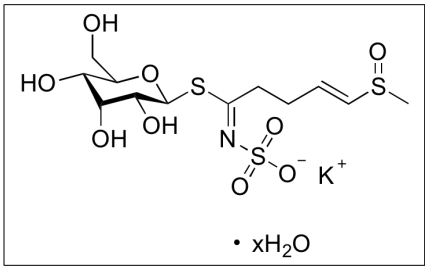
Product Information

Product ID G4782
CAS No.
Chemical Name
Synonym
Formula $C_{12}H_{20}KNO_{10}S_3 \cdot xH_2O$
Formula Wt. 473.58
Melting Point
Purity ≥98%
Solubility
Store Temp -20°C
Ship Temp Ambient



Pricing and Availability

Bulk quanitites available upon request

Product ID	Size	List Price
G4782	1 mg	$104.80
G4782	5 mg	$198.50
G4782	10 mg	$385.90
G4782	25 mg	$810.60

Description Glucoraphenin is a glucosinolate originally found in cruciferous vegetables of the *Brassicaceae* family, such as the daikon radish. Glucoraphenin displays antioxidative activity and may also exhibit chemopreventive benefit. Glucoraphenin increases glutathione S-transferase and quinone reductase activity and expression. Additionally, this compound increases expression of phase II metabolizing enzymes and post-oxidative metabolism in vivo.

Weight is on anhydrous basis. TEST!!!!!!

References

Abdull Razis AF, De Nicola GR, Pagnotta E, et al. A glucosinolate-rich extract of Japanese Daikon perturbs carcinogen-metabolizing enzyme systems in rat, being a potent inducer of hepatic glutathione S-transferase. Eur J Nutr. 2013 Apr;52 (3):1279-85. PMID: 22710810.

Barillari J, Iori R, Broccoli M, et al. Glucoraphasatin and glucoraphenin, a redox pair of glucosinolates of brassicaceae, differently affect metabolizing enzymes in rats. J Agric Food Chem. 2007 Jul 11;55(14):5505-11. PMID: 17579433.