



LKT Laboratories, Inc.

R-Equol

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## Product Information

Product ID E6783

CAS No. 221054-79-1

Chemical Name (3R)-3-(4-hydroxyphenyl)-3,4-dihydro-2H-chromen-7-ol

Synonym (3R)-3-(4-hydroxyphenyl)-3,4-dihydro-2H-chromen-7-ol

Formula  $C_{15}H_{14}O_3$

Formula Wt. 242.27

Melting Point

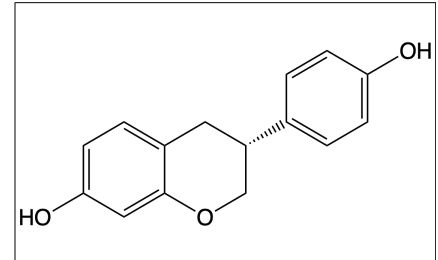
Purity  $\geq 98\%$

Solubility

Store Temp  $-20^{\circ}C$

Ship Temp Ambient

Description R-Equol is the diastereomer of S-Equol. Although S-equol is a naturally occurring isoflavone metabolite in humans, R-equol is not. However, both of these diastereomers are biologically active.



## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
E6783	5 mg	\$65.00
E6783	25 mg	\$245.00
E6783	100 mg	\$600.00

References Lephart E. Resveratrol, 4' acetoxyl resveratrol, R-equol, racemic equol or S-equol as cosmeceuticals to improve dermal health. *Int J Mol Sci.* 2017 Jun 3;18(6):1193. PMID: 28587197

Setchell K, Zhao X, Jha P, et al. The pharmacokinetic behaviors of the soy isoflavone metabolite S-(-)equol and its diastereoisomer R-(+)equol in healthy adults determined by using stable-isotope-labeled tracers. *Am J Clin Nutr.* 2009 Oct;90(4):1029-1037. PMID: 19710188

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