



LKT Laboratories, Inc.

Altenuene

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID A464766

CAS No. 889101-41-1

Chemical Name (2R,3R,4aR)-2,3,7-Trihydroxy-9-methoxy-4a-methyl-2,3,4,4a-tetrahydro-6H-benzo[c]chromen-6-one

Synonym

Formula C₁₅H₁₆O₆

Formula Wt. 292.29

Melting Point

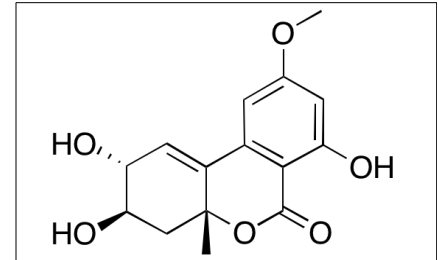
Purity ≥98%

Solubility 10mg/ml in acetone

Store Temp -20°C

Ship Temp Ambient

Description Altenuene is one of the mycotoxins produced in *Alternaria* species. Altenuene, along with several other mycotoxins, has been found in food stuffs such as peanuts, pistachio, wheat, maize, cornflakes, raisins and figs as well as fruit beverages and olive oil.



Bulk quantities available upon request

Product ID	Size
A464766	100 µg
A464766	0.5 mg
A464766	1 mg
A464766	5 mg

References V Ostry *Alternaria* mycotoxins: an overview of chemical characterization, producers, toxicity, analysis and occurrence in foodstuffs. *World Mycotoxin Journal*. 2008; 1(2): 175-188.

Scott, PM. Analysis of agricultural commodities and foods for *Alternaria* mycotoxins, *Journal of AOAC International*. 2001; 84: 1809-1817. PMID: 11767150.

Palmisano F1, Zamboni PG, Visconti A, Bottalico A. Profiling of *Alternaria* mycotoxins in foodstuffs by high-performance liquid chromatography with diode-array ultraviolet detection. *J Chromatogr*. 1989, 465(2):305-13. PMID: 2745600

Zwickel T1, Klaffke H2, Richards K3, Rychlik M4. Development of a high performance liquid chromatography tandem mass spectrometry based analysis for the simultaneous quantification of various *Alternaria* toxins in wine, vegetable juices and fruit juices. *J Chromatogr A*. 2016;1455:74-85. PMID: 27283097 DOI: 10.1016/j.chroma.2016.04.066

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