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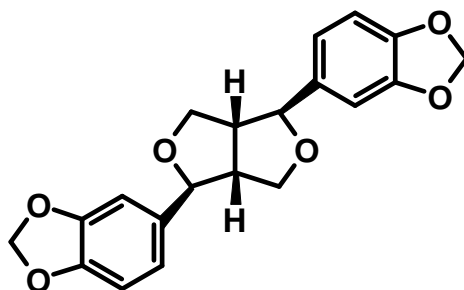
Product Specifications

Sesamin

CAS 607-80-7

Syn: (+)-Sesamin; *d*-Sesamin; Fagarol ; Sezamin ;
5,5'-(Tetrahydro-1H,3H-furo[3,4-c]furan-1,4-diyl)bis-1,3-benzodioxole

Structure:



Mol. Formula
Source

$C_{20}H_{18}O_6$
Sesame Seed

Mol. Wt.

354.3

<i>Test</i>	<i>Specification</i>
Appearance	Off-white powder
Particle size	100% through 60 mesh
MP	122-123 °C (99%)
Assay (hplc)	
Sesamin & Sesamolin	≥ 95%
Sesamin	≥ 80%
Sesamolin	≥ 15%
LOD	≤ 1.0 %
Ash (residue on ignition)(USP 30)	≤ 0.2 %
Heavy metals	≤10 ppm
Pb	≤ 2 ppm
As	≤ 1 ppm
Hg	≤ 0.2 ppm
Cd	≤ 1 ppm

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<i>Test</i>	<i>Specification</i>
Pesticide Residue, USP <561>	USP <561>
Aflatoxins (B1, B2, G1, G2)	USP <561>
<u>Microbiological Specification</u>	
Total Aerobic (CFU/g)	≤ 1000
<i>E. Coli</i>	Negative
<i>Salmonella</i>	Negative
<i>Staphylococcus sp.</i>	Negative
<i>Coliforms</i>	Negative
<i>Pseudomonas sp.</i>	Negative
Mold and Yeast (CFU/g)	≤100

Storage: Maintain in cool, dry, dark containment.