

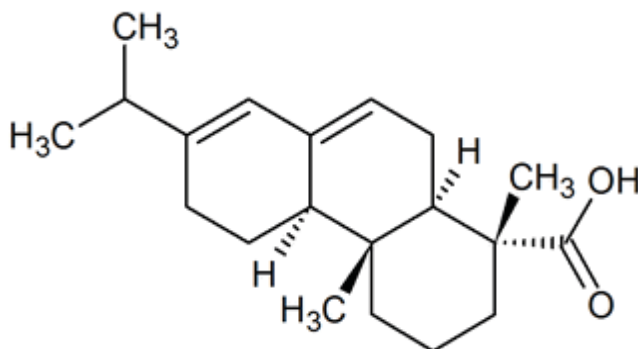


## Abietic Acid

[1R-(1a,4ab,4ba,10aa)]-1,2,3,4,4a,4b,5,6,10,10a-Decahydro-1,4a-dimethyl-7-(1-methylethyl)-1-phenanthrenecarboxylic acid

### Physical Data

Item Number:	A000527
CAS Number:	514-10-3
EC Number:	208-178-3
Formula:	C20H30O2
Formula Weight (g/ Mole):	302.451
Shape:	Powder
Density (Gm/ CC):	1.06
Melting Point (C):	172-175
Boiling Point (C):	Not Available
Flash Point (C):	Not Available
Viscosity (Centipoise):	Not Available
Surface Tension (Dynes/cm):	Not Available
Vapor Pressure:	Not Available
Optical Activity [α] <sub>D20</sub> :	(D24) -106° (c = 1 in abs alc)
Shelf Life:	5 Years



### Typical Analytical Data

Test	Specification
Description	Yellow orange crystalline powder, insoluble in water soluble in ethanol, benzene, chloroform, ether
Identification	FT-IR
Ash	0.1 % Max
Loss on Drying (at 105 °C)	0.5 % Max
Assay	98 % Min

### Packages

Package Code	Package
A000527-100MG	1 g
A000527-250MG	5 g
A000527-1G	10 g

### Safety Data

Hazard Statement(s):	H302;H312;H332
Precautionary statement(s):	
UN Number:	Not Available

GHS Pictograms:

