



Formula: C<sub>17</sub>H<sub>22</sub>O<sub>3</sub>

MW: 274.36

CAS: 5947-49-9

TNP NUMBER: TNP00003

MDL NUMBER: MFCD01845279

IUPAC: (1S,4aS,10aR)-6-hydroxy-1,4a-dimethyl-1,2,3,4,9,10,10a,4a-octahydrophenanthrenecarboxylic acid

Smiles: c12[C]3([C@H]([C@](C(=O)O)(C)CCC3)(CCc1ccc(c2)O))C

ACCEPTORS: 3

DONORS: 2

ROTATION BONDS: 2

N+O: 3

Chiral Centers: 3

LogP: 5.15

LogS: -4.57

LIPINSKI: 4

Monograph Number: 0007625

Title: Podocarpic Acid

CAS Registry Number: 5947-49-9

CAS Name:

[1S-(1a,4aa,10ab)]-1,2,3,4,4a,9,10,10a-Octahydro-6-hydroxy-1,4a-dimethyl-1-phenanthrenecarboxylic acid

Additional Names: 12-hydroxypodocarpa-8,11,13-trien-16-oic acid

Molecular Formula: C<sub>17</sub>H<sub>22</sub>O<sub>3</sub>

Molecular Weight: 274.35.

Percent Composition: C 74.42%, H 8.08%, O 17.50%

Literature References: Chief acidic constituent of the resin of the Javanese *Podocarpus cupressina* (L'H