

**Product Name:** Tannic acid

**Catalog Number:** A17022.0B

**CAS Number:** 1401-55-4

**IUPAC Name:** 2,3-dihydroxy-5-[(3,4,5,6-tetrakis[3,4-dihydroxy-5-(3,4,5-trihydroxybenzoyloxy)benzoyloxy]oxan-2-yl)methoxy]carbonyl]phenyl  
 3,4,5-trihydroxybenzoate

**Molecular Formula:** C<sub>76</sub>H<sub>52</sub>O<sub>46</sub>
**Molecular Weight:** 1701.21

**InChI Key:** LRBQNJMCXXYXIU-UHFFFAOYNA-N

**SMILES:** OC1=CC(=CC(O)=C1O)C(=O)OC1=CC(=CC(O)=C1O)C(=O)OCC1OC(OC(=O)C2=CC(O)=C(O)C(OC(=O)C3=CC(O)=C(O)C(O)=C3)=C2)C(OC(=O)C2=CC(O)=C(O)C(OC(=O)C3=CC(O)=C(O)C(O)=C3)=C2)C(OC(=O)C2=CC(O)=C(O)C(OC(=O)C3=CC(O)=C(O)C(O)=C3)=C2)C1OC(=O)C1=CC(O)=C(O)C(OC(=O)C2=CC(O)=C(O)C(O)=C2)=C1
**Synonym:** tannins tannic acid (quercus spp.) tannin from quebracho caswell no. 819 tannin from mimosa liquidambar styraciflua tannin acide tannique tannin from sweet gum tannic acid

## Product Specification

**Appearance (Color):** Cream to brown

**Form:** Powder

**Assay (unspecified):** ≥93% (dry wt. basis)

**Identification (FTIR):** Conforms

**Water Content (Karl Fischer Titration):** ≤10%

**Date Of Print:** 07/01/2025

*Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.*