

## Ellagic Acid (TBBD)

Cat. No. CEI-1000

Lot. No. (See product label)

### Introduction

**Description** Ellagic acid, also known as TBBD, Gallogen, and Lagistase, blocks the methylation of arginine 17 of histone 3 (H3R17) by coactivator-associated arginine methyltransferase 1 (CARM1/PRMT4), without significantly altering histone acetylase or DNA methyltransferase activity. Ellagic acid can also alter cytochrome P450 activity, improve metabolism and clearance of xenobiotics, and alter immune function.

**Synonyms** CPB6, CYP2B, CYP2B7, CYP2B7P, CYP1B6, EFVM, IIB1

### Product Information

**Appearance** A crystalline solid.

**CAS No.** 476-66-4

**Molecular Formula** C<sub>14</sub>H<sub>6</sub>O<sub>8</sub>

**Molecular Weight** 302.2

**Purity** >95%

**Targets** P450

**IC50** 25 μM

### Storage and Shipping Information

**Storage** Store at or below -20 centigrade for up to two years.