

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, CYP11B6, EFVM, IIB1

Product Information

Appearance A crystalline solid.

CAS No. 476-66-4

Molecular Formula C₁₄H₆O₈

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.