Creative Enzymes®

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, CYPIIB6, 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.