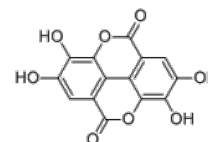


Product Name : TBBD
Cat. No. : PC-35041
CAS No. : 476-66-4
Molecular Formula : C₁₄H₆O₈
Molecular Weight : 302.194
Target : Histone Methyltransferase (HMTase)
Solubility : 10 mM in DMSO



Biological Activity

TBBD (Ellagic acid) is a specific inhibitor of coactivator-associated arginine methyltransferase 1 (**CARM1**, PRMT4) that selectively inhibits methylation at arginine 17 of histone H3 (H3R17).

TBBD shows no significant effect on the HMTase activity of G9a, as well as on the HAT activity of p300/CBP-associated factor.

References

Selvi BR, et al. *J Biol Chem*. 2010 Mar 5;285(10):7143-52.

Hatanaka Y, et al. *Cell Rep*. 2017 Sep 19;20(12):2756-2765.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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