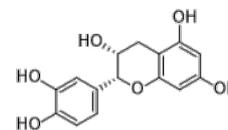


Product Name : Epicatechin
Cat. No. : PC-26089
CAS No. : 490-46-0
Molecular Formula : C₁₅H₁₄O₆
Molecular Weight : 290.27
Target : Cyclooxygenase (COX)
Solubility : 10 mM in DMSO



Biological Activity

Epicatechin((-)-Epicatechin, (-)-Epicatechol) is a small molecule inhibitor of cyclooxygenase-1 (COX-1) with IC₅₀ of 3.2 μM, inhibits the IL-1β-induced expression of iNOS by blocking the nuclear localization of the p65 subunit of NF-κB, interacts with and neutralize reactive oxygen species (ROS) in cells.

References

Shay J, et al. Oxid Med Cell Longev. 2015;2015:181260.

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

E-mail: tech@probechem.com