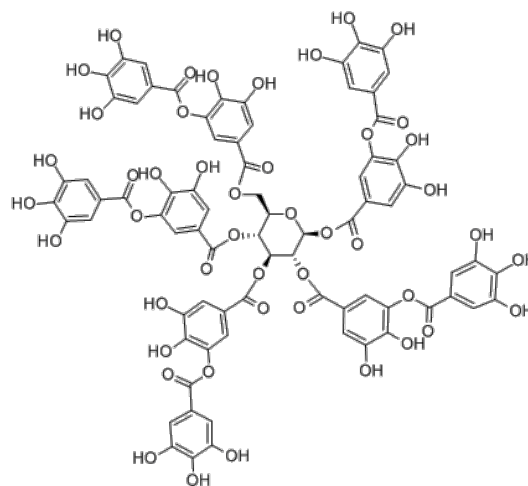


Product Name : Gallotannin
Cat. No. : PC-62410
CAS No. : 1401-55-4
Molecular Formula : C₇₆H₅₂O₄₆
Molecular Weight : 1701.2
Target : Other Targets
Solubility :



Biological Activity

Gallotannin (Tannic acid;Tannin) is a potent PARG (poly(ADP-ribose) glycohydrolase) inhibitor that produces significant reductions in H₂O₂-induced cell death in cultured murine astrocytes; prevents PARP1-mediated cell death by slowing the turnover of poly(ADP-ribose) and thus slowing NAD(+) consumption; increases endogenous DNA damage, stalls replication forks and increases homologous recombination.

References

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Ying W, et al. Neuroreport. 2000 May 15;11(7):1385-8.
Fathers C, et al. Cell Cycle. 2012 Mar 1;11(5):990-7.
Formentini L, et al. Br J Pharmacol. 2008 Dec;155(8):1235-49.

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

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