Thonningianin A

Cat. No.: HY-N4084
CAS No.: 271579-11-4
Molecular Formula: $\text{C}_{42}\text{H}_{34}\text{O}_{21}$
Molecular Weight: 874.71
Target: Apoptosis

**DESCRIPTION**

Thonningianin A, an ellagitannin, is isolated from the methanolic extract of the African medicinal herb, Thonningia sanguinea. The antioxidant properties of Th A involve radical scavenging, anti-superoxide formation and metal chelation. Anti-cancer activities\cite{1,2}.

**IN VITRO**

Thonningianin A effectively inhibited the proliferation of HepG-2 cells by inducing apoptosis, as evidenced by increase in the sub-G1 cell population, DNA fragmentation, and increase in the content of reactive oxygen species\cite{2}.

**REFERENCES**
