VDR agonist 1

Cat. No.: HY-114310
Molecular Formula: C₃₂H₅₁N₃O₂
Molecular Weight: 509.77
Target: VD/VDR; Apoptosis
Pathway: Vitamin D Related; Apoptosis
Storage: Please store the product under the recommended conditions in the COA.

BIOLOGICAL ACTIVITY

Description
VDR agonist 1 (compound 28) is a nonsteroidal Vitamin D receptor (VDR) agonist, with an IC₅₀ of 690 nM in MCF-7 cells. VDR agonist 1 arrests the cell cycle through the up-regulation of p21 and p27, promotes apoptosis by increasing the expression of BAX and decrease the expression of Bcl-2[1].

IC₅₀ & Target
IC₅₀: 690 nM (VDR in MCF-7 cells)[1].

REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.
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