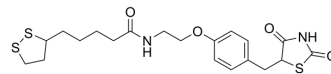


CAY10506

Cat. No.:	HY-118988
CAS No.:	292615-75-9
Molecular Formula:	C ₂₀ H ₂₆ N ₂ O ₄ S ₃
Molecular Weight:	454.63
Target:	PPAR; Apoptosis
Pathway:	Cell Cycle/DNA Damage; Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

CAY10506 is a PPAR γ ligand that can induce cell death and ROS production in a PPAR γ -dependent manner in vitro. CAY10506 exhibits radiosensitizing effects, enhancing γ -radiations-induced apoptosis and caspase-3-mediated poly (ADP-ribose) polymerase (PARP) cleavage. CAY10506 can be used in cancer research^[1].

REFERENCES

[1]. Han EJ, et al. Combined treatment with peroxisome proliferator-activated receptor (PPAR) γ ligands and gamma radiation induces apoptosis by PPAR γ -independent up-regulation of reactive oxygen species-induced deoxyribonucleic acid damage signals in non-small cell lung cancer cells. *Int J Radiat Oncol Biol Phys.* 2013 Apr 1;85(5):e239-48.

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

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