

Arochlor 1254

Cat. No.:	HY-128431
CAS No.:	11097-69-1
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Arochlor 1254

BIOLOGICAL ACTIVITY

Description

Arochlor 1254 is a polychlorinated biphenyl (PCB) mixture with biphenyl and 54% chlorine. Arochlor 1254 reduced cell viability and induced overproduction of intracellular reactive oxygen species in a dose-dependent manner. Arochlor 1254 exposure reduces calcium homeostasis, osteoblast differentiation and bone formation^[1].

REFERENCES

[1]. R D Kimbrough, et al. Morphological changes in livers of rats fed polychlorinated biphenyls: light microscopy and ultrastructure. Arch Environ Health. 1972 Nov;25(5):354-64.

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

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