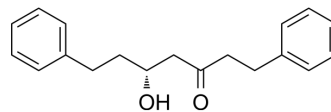


(R)-5-Hydroxy-1,7-diphenyl-3-heptanone

Cat. No.:	HY-N10405
CAS No.:	100761-20-4
Molecular Formula:	C ₁₉ H ₂₂ O ₂
Molecular Weight:	282.38
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

(R)-5-Hydroxy-1,7-diphenyl-3-heptanone is a diarylheptanoid that can be found in *Alpinia officinarum*. (R)-5-Hydroxy-1,7-diphenyl-3-heptanone ameliorates oxidative stress and insulin resistance via activation of Nrf2/ARE pathway^[1].

REFERENCES

[1]. Zhang X, et, al. DPHC From *Alpinia officinarum* Ameliorates Oxidative Stress and Insulin Resistance via Activation of Nrf2/ARE Pathway in db/db Mice and High Glucose-Treated HepG2 Cells. *Front Pharmacol.* 2022 Jan 17;12:792977.

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

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