

Dihydrocurcumin

Cat. No.:	OB0225LY-0027
Appearance:	Solid
Purity:	≥97%
Identity:	Confirmed by NMR and HPLC.
Size:	1 mg; 5 mg; 10 mg; 25 mg

This product is for research use only and is not intended for diagnostic use.

Product Overview

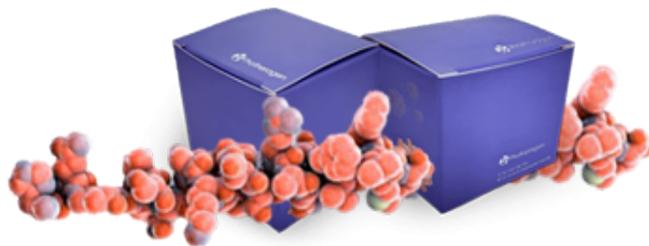
Description	Dihydrocurcumin is a compound derived from curcumin, which is a polyphenol with strong antioxidant properties and is effective in scavenging free radicals.
CAS No.	76474-56-1
Formula	$C_{21}H_{22}O_6$
Formula Weight	370.4

Specification

Relative Density	1.277 g/cm ³
Stability	3 years in powder form.
Storage	Storage at -20°C.
Applications	Dihydrocurcumin can be used to reduce fat accumulation and oxidative stress.

Library Information

Targets	PPAR; Metabolic enzymes
Receptors	PPAR α ; Fatty acid synthase
Pathways	Metabolism; DNA damage/DNA repair
Plate Number	AOCL-1
Plate Location	c8
Empty Location	a1-h1; a12-h12
Container	96-well plate



Formulation	10 mM DMSO
DMSO Max Solubility	22.5 mg/mL; 60.7 mM