

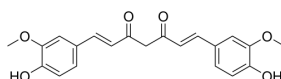
## Curcumin

Cat. No.: HY-N0005  
 CAS No.: 458-37-7  
 Batch No.: 273773  
 Chemical Name: 1,6-Heptadiene-3,5-dione, 1,7-bis(4-hydroxy-3-methoxyphenyl)-, (1E,6E)-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{20}O_6$   
 Molecular Weight: 368.38  
 Storage: Powder -20°C 3 years  
 4°C 2 years  
 In solvent -80°C 6 months  
 -20°C 1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Yellow to orange (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
 Purity (HPLC): 98.84%  
 Conclusion: The product has been tested and complies with the given specifications.

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

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