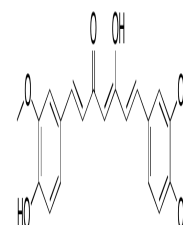


## Product Datasheet

### Curcumin (orb322307)

<b>Description</b>	Curcumin
<b>Storage</b>	Storage Temp: Ambient
<b>Note</b>	For research use only
<b>Formula</b>	$C_{21}H_{20}O_6$
<b>Purity</b>	≥97% curcuminoid content
<b>MW</b>	368.38
<b>CAS Number</b>	458-37-7
<b>SMILES</b>	<chem>COC1=C(C=CC(=C1)C=CC(=O)CC(=O)C=CC2=CC(=C(C=C2)O)OC)O</chem>
<b>Solubility (25°C)</b>	Insoluble in water. Soluble in ethanol (10 mg/mL), DMSO (74 mg/mL), chloroform, acetone, DMF. Soluble in 0.1 M NaOH to 3 mg/mL-do not store more than 12 hours.
<b>Hazard Information</b>	Chemical Hazard Code: Xi. UN Number: Not dangerous goods
<b>Expiration Date</b>	12 months from date of receipt.



Chemical structure of Curcumin