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## DATASHEET

Fulvic acid

### Product overview

<b>Name</b>	Fulvic acid
<b>Cat No</b>	HB3900
<b>Purity</b>	>95%
<b>Description</b>	Free radical scavenger and antioxidant

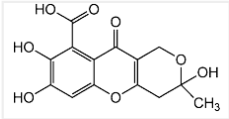
### Biological Data

<b>Biological description</b>	Free radical scavenger and antioxidant. Potential compound to neutralize radioactive and toxic wastes and "heal" soils. Chelates and binds scores of minerals into a bioavailable form used by cells. Shown to incorporate into bone and cartilage of rats. Antibacterial. Antifungal. beta-Hexosaminidase release inhibitor. Anti-inflammatory. Tau fibrils aggregation inhibitor (Alzheimers Disease). Antiseptic. Interrupts the dimer formation of Abeta(17-42) peptides.
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### Solubility & Handling

<b>Storage instructions</b>	+4 °C
<b>Solubility overview</b>	Soluble in methanol
<b>Important</b>	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

### Chemical Data

<b>Molecular Weight</b>	308.2
<b>Chemical structure</b>	
<b>Molecular Formula</b>	C <sub>14</sub> H <sub>12</sub> O <sub>8</sub>
<b>CAS Number</b>	479-66-3
<b>PubChem identifier</b>	0
<b>SMILES</b>	CC1(O)CC2=C(CO1)C(=O)c3c(O2)cc(O)c(O)c3C(O)=O
<b>InChi</b>	InChI=1S/C14H12O8/c1-14(20)3-8-5(4-21-14)11(16)9-7(22-8)2-6(15)12(17)10(9)13(18)19/h2,15,17,20H,3-4H2,1H3,(H,18,19)
<b>InChiKey</b>	FCYKAQOGGFGCMD-UHFFFAOYSA-N
<b>Appearance</b>	Yellow solid