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DATASHEET

Fulvic acid

Product overview

 Name
 Fulvic acid

 Cat No
 HB3900

 Purity
 >95%

Description Free radical scavenger and antioxidant

Biological Data

Biological description

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.

Solubility & Handling

Solubility overview Soluble in methanol

Storage instructions +4°C

Storage of solutions Prepare and use solutions on the same day if possible. Store solutions at -20 °C for up to one month if

storage is required. Equilibrate to RT and ensure the solution is precipitate free before use.

Shipping Conditions Stable for ambient temperature shipping. Follow storage instructions on receipt.

Important This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not

for human or veterinary use.

Chemical Data

Molecular Weight Chemical structure

InChi

Molecular Formula $C_{14}H_{12}O_8$ CAS Number479-66-3PubChem identifier0

SMILES CC1(O)CC2=C(CO1)C(=O)c3c(O2)cc(O)c(O)c3C(O)=O

20H,3-4H2,1H3,(H,18,19)

InChiKey FCYKAQOGGFGCMD-UHFFFAOYSA-N

Appearance Yellow solid