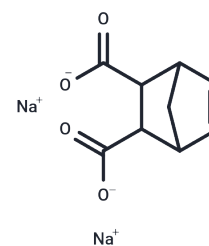


Humic acid sodium salt

Chemical Properties

CAS No. : 68131-04-4
 Formula: C₉H₈O₄Na₂
 Molecular Weight: 226.139
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year
Actual storage temperature shall be subject to the COA.



Biological Description

Description	Sodium salt of humic acid and sodium silicate have similar enhancement on kerosene contaminated soil washing with saponin.
In vitro	Humic acid of high purity is used for the cathode plate expanders of lead storage battery, and also important materials of organic polymer synthesis. This invention relates to a method of extracting and purifying humic acid from low-grade coal. The process is divided into four steps: (1) using alk solution to extract humic acid from coal, adding flocculant, centrifuging to remove dregs to get Humic acid sodium salt, (2) under the meta acidity condition, adding complexing agent to remove high cation, (3) after acidification, using electro dialysis method to elute mineral salts and soluble in the colloidal system, (4) after drying, getting the humic acid powder with purity more than or equal to 95%.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.422 mL	22.1102 mL	44.2204 mL
5 mM	0.8844 mL	4.422 mL	8.8441 mL
10 mM	0.4422 mL	2.211 mL	4.422 mL
50 mM	0.0884 mL	0.4422 mL	0.8844 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Method of preparing high-purity humic acid CN20071097274 on 2007-04-29

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