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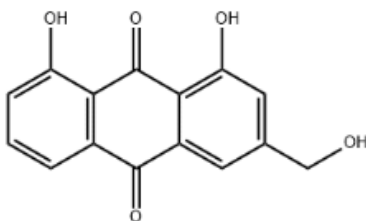
Product: **Aloe emodin**

Aloe emodin, is a light to dark orange solid with a characteristic odor. It is easily soluble in hot ethanol, ether, benzene, with the solution exhibiting yellow color. It is also soluble in aqueous ammonia and sulfuric acid with the solution exhibiting crimson color. It is used as a standard in high performance liquid chromatography (HPLC). It is also has a specific in vitro and in vivo antineuroectodermal tumor activity. It is an intermediate in chemical syntheses of products such as nutritional additives and pharmaceuticals.

Alias: 3-HydroxyMethylchrysazine; 1H-Indazole-3-carboxylic acid,4,5,6,7-tetrahydro-, ethyl ester; 1,8-dihydroxy-3-(hydroxymethyl)-10-anthracenedione ;1,8-dihydroxy-3-hydroxymethyl-anthraquinon

CAS No: **481-72-1**

Molecule structure



Specifications:

Appearance: Light to dark orange solid

Purity: 95%min

Water:5.0%max

Ash Content:5.0%max

Bulk density:40-60g/100mL

Pb:2.0 PPM max

As:2.0 PPM max

Hg:0.1 PPM max

Cd:1.0PPM max

Total Plate Count cfu/g:1000max

Moulds cfu/g:50max

Storage: At cool and dry area

Packing & Delivery Double plastic bags inside, Fiber drum outside
25kg/drum

Not dangerous goods



Application

- ☒ Aloe-emodin has been used as a standard in high performance liquid chromatography (HPLC) for separation and identification of phenolic compounds in Aloe arborescens Miller var.
- ☒ It has inhibition effect on the murine leukemia P388.

☒ Aloe-emodin may be used as an analytical reference standard for the determination of the analyte in plant and animal samples by high-performance liquid chromatography technique.