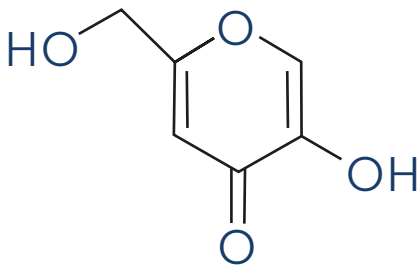


CAS#501-30-4

# IWHITE KA

HIGH EFFECTIVE TYROSINASE ACTIVITY INHIBITOR.  
KOJIC ACID

- Strong tyrosinase inhibitor
- Eliminates age Spots
- Skin Lightener



Kojic acid is a kind of specialized inhibitor for melanin. It can prevent the tyrosinase activity through copper ion quelation.

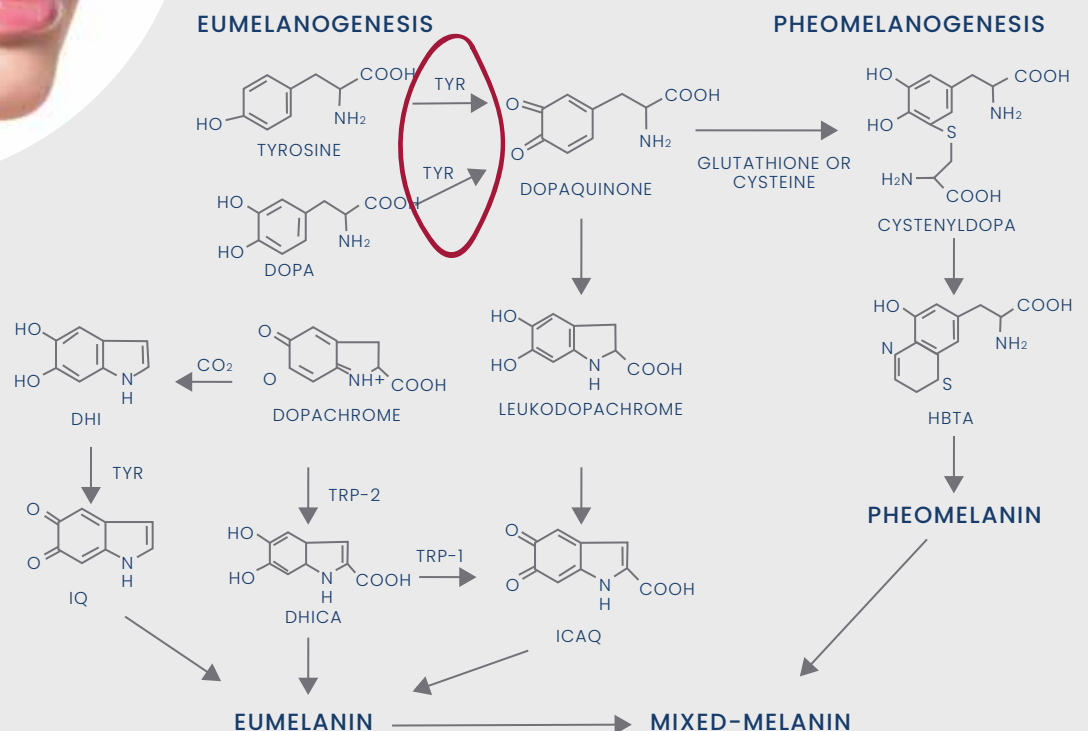
The ability of kojic acid to chelate copper at the active site of the enzyme may well explain the observed competitive inhibitory effect.

In addition, kojic acid is reported to be a slow-binding inhibitor of the diphenolase activity of tyrosinase. It is used for skin lightening and anti-melasma.

At present it is assigned into various kinds of cosmetics for curing freckles, spots on the skin of older people, pigmentation and acne. It also eliminates free radicals and strengthens cell activity.



## MECHANISM OF ACTION





## Application

Skin care, soap, skin whitening/lightening, treatment for pigmentary disorders such as age spots, etc.



## Formulation instructions

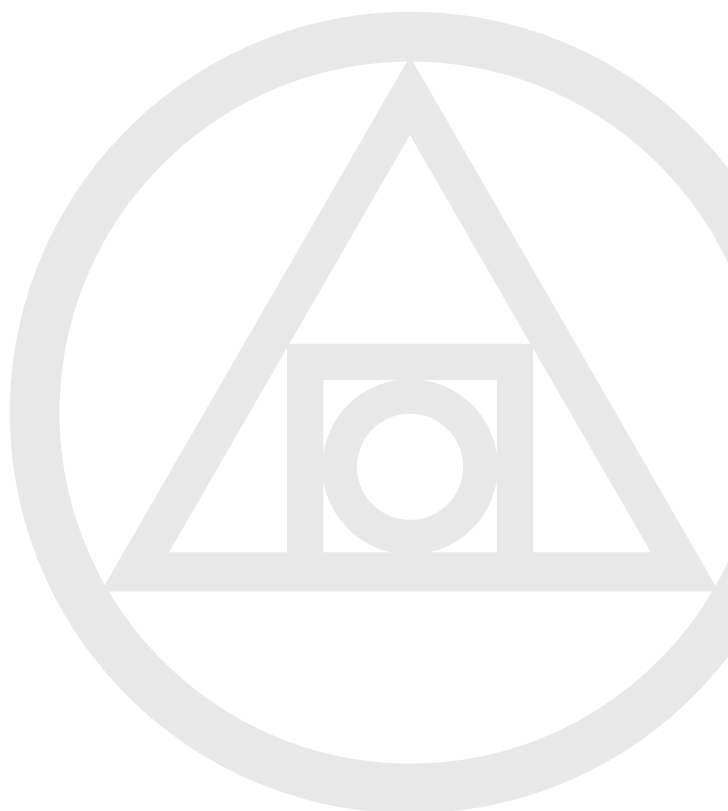
Recommended dosage

It is recommended to use 0.5 to 2.0% of iWhite KA

It is easily dissolve in water and alcohols.

## Technical Data

Contents	iWhite KA
Aspect	Crystal powder
Color	White or almost white
Melting point	152 - 156°C
Assay	≥98.0%
Additives	Preservatives: No applicable



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