

## Tartrazine

Cat NO. IT0050

Storage: RT, 2 years

### Introduction

Tartrazine is an azo-type acid dye, which is a very stable coloring agent. It is often used in the related research of food and drug coloring. It has been reported that tartrazine can increase the stability of photosensitive drugs.

### Parameters

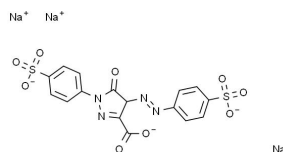
CAS: 1934-21-0

Molecular Formula:  $C_{16}H_9N_4Na_3O_9S_2$

Molecular Weight: 534.36

Appearance: Orange Solid

Solubility: Soluble in Water/DMSO  $\geq 10\text{mg/mL}$



### Note

1. For your safety and health, please wear laboratory coats and disposable gloves when operating.
2. This product is for scientific research use only. Do not use it for medical, clinical diagnosis or treatment, food and cosmetics, etc. Do not store it in ordinary residential areas.

### Related Literature

[1]. Xu L, Yang F, Dias ACP, Zhang X. Development of quantum dot-linked immunosorbent assay (QLISA) and ELISA for the detection of sunset yellow in foods and beverages. Food Chem. 2022 Aug 15;385:132648. doi: 10.1016/j.foodchem.2022.132648. Epub 2022 Mar 7. PMID: 35278733.

**Note: For more documentation, please visit Solarbio's official website.**