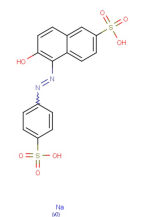


Catalog Number: CM00535

产品信息

Catalog Number:
CM00535**CAS号:**
2783-94-0**分子式:**
 $C_{16}H_{12}N_2Na_2O_7S_2$ **主要靶点:**
Androgen Receptor**主要通路:**
内分泌与激素**分子量:**
454.39**溶解度:**
DMSO:90 mg/mL (198.95 mM), H₂O:90.0 mg/mL (199.0 mM), Sonification is recommended.

体外活性

Sunset Yellow FCF (250 μ g/mL) reduces the LPS-induced proliferation of isolated mouse splenocytes, as well as inhibits the proliferation of isolated mouse splenocytes in an allogeneic mixed lymphocyte reaction.[3]

体内活性

Sunset yellow FCF (0.325 mg/kg; mice) induces chromosomal aberrations in somatic and germ cells and morphological abnormalities in sperm in mice, but it is not genotoxic in a micronucleus gut assay in mice when administered at doses up to 2,000 mg/kg.[4]

描述

Sunset Yellow FCF is an orange azo dye with pH-dependent absorbance. Sunset Yellow FCF is used in food, cosmetics and pharmaceuticals. It is used as a colorant food additive in many food products. They may be cytotoxic and genotoxic, so care must be taken when using these materials as food additives.

储存

Powder: -20°C for 3 years | In solvent: -80°C for 2 years