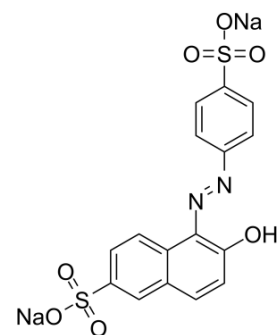


Sunset Yellow FCF

Cat. No.:	HY-D0249
CAS No.:	2783-94-0
Molecular Formula:	C ₁₆ H ₁₀ N ₂ Na ₂ O ₇ S ₂
Molecular Weight:	452.37
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 100 mg/mL (221.06 mM)
* "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
	1 mM		2.2106 mL	11.0529 mL	22.1058 mL
	5 mM		0.4421 mL	2.2106 mL	4.4212 mL
	10 mM		0.2211 mL	1.1053 mL	2.2106 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Sunset Yellow FCF (Orange Yellow S) is a petroleum-derived orange azo dye with a pH dependent maximum absorption at about 480 nm at pH 1 and 443 nm at pH 13. Sunset Yellow is used in food, cosmetics, and drugs.

Caution: Product has not been fully validated for medical applications. For research use only.

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