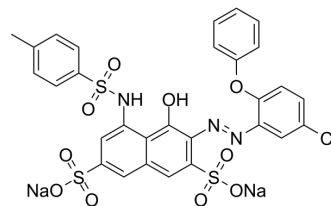


Acid Red 249

Cat. No.:	HY-D0430
CAS No.:	6416-66-6
Molecular Formula:	C ₂₉ H ₂₀ ClN ₃ Na ₂ O ₁₀ S ₃
Molecular Weight:	748.11
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (66.84 mM; Need ultrasonic)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	1.3367 mL	6.6835 mL	13.3670 mL
5 mM	0.2673 mL	1.3367 mL	2.6734 mL
10 mM	0.1337 mL	0.6684 mL	1.3367 mL

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

BIOLOGICAL ACTIVITY

Description

Acid Red 249 (Tracid Brilliant Red B) is a kind of weak acid dye containing sulfate ion^[1].

REFERENCES

[1]. Lanhe Zhang, et al. BiOCl_{0.8}Br_{0.2} Photocatalyst Preparation and Degradation of Dye Wastewater under Ultraviolet-Light. Applied Mechanics and Materials Vols. 675-677.

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

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