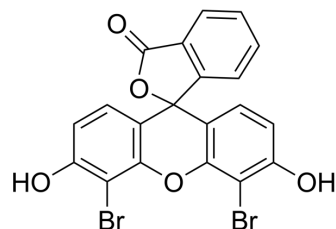


4',5'-Dibromofluorescein

Cat. No.:	HY-114907
CAS No.:	596-03-2
Molecular Formula:	C ₂₀ H ₁₀ Br ₂ O ₅
Molecular Weight:	490.1
Target:	Fluorescent Dye
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

DMSO : 62.5 mg/mL (127.52 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.0404 mL	10.2020 mL	20.4040 mL
	5 mM	0.4081 mL	2.0404 mL	4.0808 mL
	10 mM	0.2040 mL	1.0202 mL	2.0404 mL

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

BIOLOGICAL ACTIVITY

Description

4',5'-Dibromofluorescein (Eosinic acid) is a fluorescein derivative that can be used as a ligand for studying of protein properties by spectral analysis^[1].

REFERENCES

[1]. Dongdong Yu, et al. An ultrasensitive stain for negative protein detection in SDS-PAGE via 4',5'-Dibromofluorescein. J Proteomics. 2017 Aug 8;165:21-25.

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

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