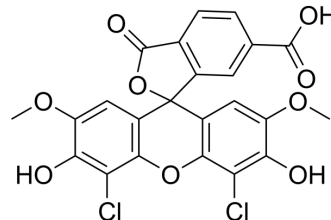


JOE

Cat. No.:	HY-D1090		
CAS No.:	82855-40-1		
Molecular Formula:	C ₂₃ H ₁₄ Cl ₂ O ₉		
Molecular Weight:	505.26		
Target:	DNA Stain		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description

JOE is a fluorescent dye and can be used as a fluorescent label in DNA sequencing, PCR, and LCR amplifications. JOE possesses an absorbance of 525 nm and an emission of 550 nm^[1].

REFERENCES

[1]. Tsybulsky DA, et al. 4',5'-Dichloro-2',7'-dimethoxy-5(6)-carboxyfluorescein (JOE): synthesis and spectral properties of oligonucleotide conjugates. J Org Chem. 2012 Jan 20;77(2):977-84.

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

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