

Product Information

Name: 5(6)-FAM

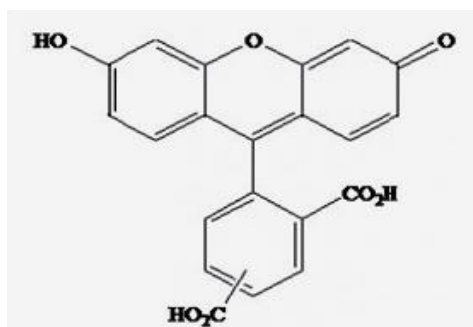
Catalog: F5012

Size: 50 mg

Application: pH indicator, polar tracer

Parameters

- Yellow orange solid soluble in pH > 6 water
- $\lambda_{Ex}/\lambda_{Em}$ = 492/514 nm (PH=9)
- $C_{21}H_{12}O_7$
- MW: 376.32
- [72088-94-9]
- Structural formula



Storage

Store at 4°C and protect from light for at least 1 years.

Description

5(6)-FAM can be used as a pH sensor. The excitation spectrum of the dye responds to pH similarly to that of BCECF. Carboxyfluorescein can also be used as a tracer dye, which can be combined with proteins and nucleic acid biomacromolecules and is widely used in biological research.

5(6)-FAM is membrane-impermeant and can be loaded into cells by microinjection or scrape loading.

Notes

1. Please note that the fluorescent dye should be protected from light to prevent fluorescence quenching.
2. For your safety and health, please wear lab coats and gloves.

Related Products

Catalog	Product Name	Catalog	Product Name
T5007-20mg	5(6)-TAMRA, mixed isomers	F5055-1mg	5-FAM-PEO ₁₂ SE
T5047-25mg	5(6)-TAMRA, SE	F5014-20mg	6-FAM
T5048-10mg	5(6)-TAMRA, cadaverine	F5056-5mg	6-FAM SE
T5049-5mg	5(6)-TAMRA-C5-maleimide	F5031-5mg	6-X-FAM
T5010-5mg	6-TAMRA	S5016-100mg	Sulforhodamine 101
T5050-5mg	6-TAMRA SE	R5015-25mg	Rhodamine 110
T5011-5mg	5-TAMRA	C5017-5mg	5-CR110

For Research Use Only



Catalog	Product Name	Catalog	Product Name
A5052-5mg	AMCA-X SE	D5019-5mg	DIR680-COOH
B5024-50mg	Biotin SE	C5020-5mg	Cy3
F5008-50mg	5-FAM	C5060-1mg	Cy3 SE
F5053-5mg	5-FAM SE	C5021-5mg	Cy5
F5054-1mg	5-FAM-PEO ₈ SE	C5061-1mg	Cy5 SE
B5026-20mg	Biotin-XX, free acid	C5045-1mg	GE-Cy5 SE
B5063-10mg	Biotin-XX SE	C5046-1mg	GE-Cy7 SE
B5032-20mg	Biotin-X, free acid	A5013-5mg	AMCA-X
B5064-10mg	Biotin-X SE	B5062-1mg	Biotin Azide
F5027-50mg	FITC (isomer I)	D5065-5mg	DAC SE
D5028-20mg	7-Diethylaminocoumarin-3-Carboxylic Acid (DAC,DEAC)	C5029-5mg	5(6)-CR110
B5042-5mg	Biotin-X-C5-maleimide	B5041-10mg	Biotin-4-fluorescein
R5040-5mg	6-ROX	C5018-5mg	6-CR110
R5051-5mg	6-ROX SE	C5058-5mg	6-CR110 SE
A5030-50mg	AMCA	C5059-5mg	6-CR110-X SE
R5009-5mg	5-ROX	C5057-5mg	5-CR110 SE

