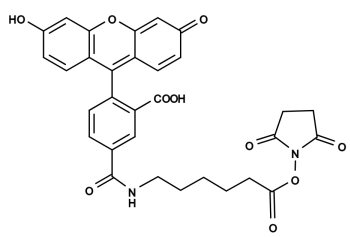


5-SFX [5-FAM-X, SE] *CAS 148356-00-7*Catalog number: 119
Unit size: 5 mg

Product Details

Storage Conditions	Freeze (<math>< -15\text{ }^\circ\text{C}</math>), Minimize light exposure
Expiration Date	12 months upon receiving

Chemical Properties

Appearance	Orange solid
Molecular Weight	586.54
Soluble In	DMSO
Chemical Structure	

Spectral Properties

Excitation Wavelength	493 nm
Emission Wavelength	517 nm

Applications

5-FAM-X, SE contains the aminohexanoyl spacer (known as 'X') between the FAM fluorophore and the succinimidyl ester. The 'X' spacer separates the fluorophore from the biomolecule to which it is conjugated. The 'X' spacer may potentially reduce the quenching that typically occurs when a fluorescein molecule is conjugated to proteins or other biopolymers (such as nucleic acids).