

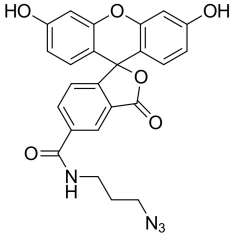
FAM azide, 5-isomer (A270209)

Specifications:

Name:	FAM azide, 5-isomer
Description:	FAM azide for Click chemistry labeling. FAM remains one of the most popular fluorescent labels for various application. Most instruments capable of fluorescence detection, ranging from plate readers to fluorescence microscopes, are able to work in FAM channel. With versatility of Click chemistry and this reagent, it is possible to attach this popular fluorophore to nearly any alkyne bearing molecule. FAM azide is supplied as a solid compound. This product is a pure 5-isomer. FAM is a replacement for Alexa Fluor 488, DyLight 488.
Absorption Maxima:	494 nm
Extinction Coefficient:	75000 M ⁻¹ cm ⁻¹
Emission Maxima:	520 nm
Fluorescence Quantum Yield:	0.9
CAS Number:	510758-23-3
CF ₂₆₀ :	0.20
CF ₂₈₀ :	0.17
Purity:	95% (by ¹ H NMR and HPLC-MS).
Molecular Formula:	C ₂₄ H ₁₈ N ₄ O ₆
Molecular Weight:	458.42 kDa
Product Form:	Yellowish crystals.
Solubility:	Soluble in polar organic solvents (DMF, DMSO, alcohols).
Storage:	Shipped at room temperature. Upon delivery, store in the dark at -20°C. Avoid prolonged exposure to light.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

FAM azide, 5-isomer (A270209)

Images:



Structure of FAM azide, 5-isomer.