
Product Data Sheet

Product Name: FAM azide, 5- isomer

Cat. No.: GC11136

Chemical Properties

Cas. No.

Chemical Name N-(3-azidopropyl)-3',6'-dihydroxy-3-oxospiro[2-benzofuran-1,9'-xanthene]-5-carboxamide

SMILES C1=CC2=C(C=C1C(=O)NCCCN=[N+]=[N-])C(=O)OC23C4=C(C=C(C=C4)O)OC5=C3C=CC(=C5)OFormula $C_{24}H_{18}N_4O_6$ M.Wt 458.42

Solubility soluble in polar organic solvents (DMF, DMSO, alcohols) Storage Transportation: at room temperature for up to 24 months after receipt at -20°C in the dark. 3 weeks. Avoid prolonged exposure to light.

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure **Background**

FAM azide for Click chemistry labeling. FAM remains one of the most popular fluorescent labels for various applications. Most instruments capable of fluorescence detection, ranging from plate readers to fluorescence microscopes, are able to work in FAM channel. With the versatility of Click chemistry and this reagent, it is possible to attach this popular fluorophore to nearly any alkyne-bearing molecule. FAM azide is available both as a solid compound, and as a 10 mM solution in DMSO ready to use in our recommended labeling protocol. This product is a pure 5-isomer. FAM is a replacement for Alexa Fluor 488, DyLight 488.

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

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