

AF 568 carboxylic acid

Chemical Properties

CAS No. :

Formula: C33H28K2N2O11S2

Molecular Weight:

Keep away from direct sunlight

Storage:

Store at -20°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description	AF 568 carboxylic acid is a non-reactive form of the orange fluorescent dye AF 568. It exhibits an absorption wavelength range of 590-720 nm (FRET) and an emission wavelength range of 515-720 nm. AF 568 alkyne can form stable covalent bonds with amino-containing molecules through its carboxylic acid group. It can also participate in a copper-catalyzed azide-alkyne cycloaddition reaction (CuAAC) with molecules containing alkyne groups. Additionally, it is capable of engaging in strain-promoted azide-alkyne cycloaddition (SPAAC) with compounds containing DBCO or BCN groups.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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