

AF 555 azide

Chemical Properties

CAS No. :

Formula: C₃₈H₄₉K₃N₆O₁₃S₄

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 555 azide is a fluorescent dye, specifically an azide derivative of AF 555. It contains an azide group, enabling it to undergo copper-catalyzed azide-alkyne cycloaddition reactions (CuAAC) with molecules that have an alkyne group. Additionally, it participates in strain-promoted azide-alkyne cycloaddition reactions (SPAAC) with molecules containing DBCO or BCN groups. Its typical excitation wavelengths are 510 nm under green laser and 610 nm under red laser.
Targets(IC50)	Others

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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