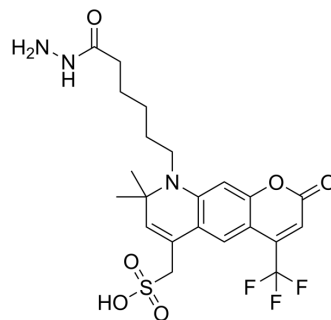


AF 430 hydrazide

Cat. No.:	HY-D2151
Molecular Formula:	C ₂₂ H ₂₆ F ₃ N ₃ O ₆ S
Molecular Weight:	517.52
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AF 430 hydrazide is a derivative of the yellow fluorescent dye AF 430. AF430 has an excitation wavelength of 430 nm and an emission wavelength of 542 nm. AF 430 hydrazide can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) via the Azide group and molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups. To achieve specific coupling of dye labels and biomolecules.

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

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