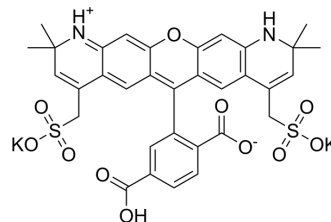


## AF 568 carboxylic acid

Cat. No.:	HY-D2169
Molecular Formula:	C <sub>33</sub> H <sub>28</sub> K <sub>2</sub> N <sub>2</sub> O <sub>11</sub> S <sub>2</sub>
Molecular Weight:	770.91
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

AF 568 carboxylic acid is the non-reactive form of the orange fluorescent dye AF 568. AF 568 has a maximum emission wavelength of ~568 nm. AF 568 alkyne forms stable covalent bonds by reacting carboxylic acid groups with molecules bearing amino groups. Copper-catalyzed azide-alkyne cycloaddition (CuAAC) can occur with molecules containing Alkyne groups. Strain-promoted alkyne-azide cycloaddition (SPAAC) can also occur with molecules containing DBCO or BCN groups.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA