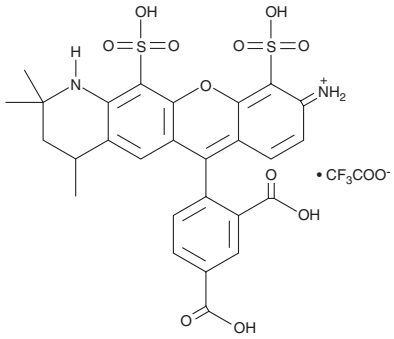
PRODUCT INFORMATION

XFD514 Acid

Item No. 45058

Formal Name:	6-(2,4-dicarboxyphenyl)-2,2,4-trimethyl-10,12-disulfo-1,2,3,4-tetrahydro-9H-chromeno[3,2-g]quinolin-9-iminium, 2,2,2-trifluoroacetate
MF:	$C_{27}H_{25}N_2O_{11}S_2 \bullet CF_3COO$
FW:	730.6
Purity:	≥90%
Ex./Em. Max:	518/543 nm
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years
Special Conditions:	Light sensitive



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

XFD514 acid is supplied as a solid. A stock solution may be made by dissolving the XFD514 acid in the solvent of choice, which should be purged with an inert gas. XFD514 acid is soluble in methanol.

Description

XFD514 acid is a non-reactive fluorescent probe. It displays excitation/emission maxima of 518/543 nm, respectively, and stable fluorescence at a pH range of 4 to 10. XFD514 acid can be used as a reference standard for XFD514-based conjugates and as a control in microscopy, immunocytochemistry (ICC), flow cytometry (FC), high-content screening (HCS), and live cell imaging applications. It can also be used in the synthesis of XFD514-based activated esters and 4-sulfo-2,3,5,6-tetrafluorophenyl (STP) and can be coupled with hydrazines, hydroxylamines, or amines to produce XFD514-based conjugates.

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM