PRODUCT INFORMATION

XFD647 Acid

Item No. 45059

Ex./Em. Max: 650/671 nm
FW: 973.0
Purity: ≥90%
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.

Description

XFD647 acid is a non-reactive, fluorescent probe. It displays excitation/emission maxima of 650/671 nm, respectively. XFD647 acid is hydrophilic and displays stable fluorescence at a pH range of 4 to 10. It can be used as a reference standard for XFD647 conjugates and as a control in microscopy, immunocytochemistry (ICC), high-content screening (HCS), flow cytometry (FC), and live cell imaging applications. It can also be used in the synthesis of XFD647-based activated esters and 4-sulfo-2,3,5,6-tetrafluorophenyl (STP) and can be coupled with hydrazines, hydroxylamines, or amines to produce XFD647-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.

Copyright Cayman Chemical Company, 03/02/2026

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