

NBD-F [4-Fluoro-7-nitrobenzofurazan]

Cat. No. DYE-84 Lot. No. (See product label)

SPECIFICATION

Product Overview

Description

NBD-F has properties and applications similar to those of NBD-Cl. Upon reacting with amines and thiol compounds it generates the same fluorescent adducts as those of NBD-Cl. Compared with NBD-Cl, NBD-F is much more reactive, and should be more carefully stored. For example, the reaction of NBD fluoride with glycine is reported to be 500 times faster than the reaction of NBD chloride with glycine. Both NBD chloride and NBD fluoride are extensively used as derivatization reagents for chromatographic analysis of amino acids and other low molecular weight amines.

CAS number 29270-56-2

Molecular Mass 183.1

Formula C₆H₂FN₃O₃

Ex(nm) 337

Solvent DMSO

Storage Store at -20°C in the dark. Dessicated.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA