

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	C ₆ H ₂ FN ₃ O ₃
----------------	--

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