

Product Data Sheet

Product Name: DAF-FM

Cat. No.: GF14816

Chemical Properties

Cas. No. 254109-20-1

Formula $C_{21}H_{14}F_2N_2O_5$

M.Wt 412.34

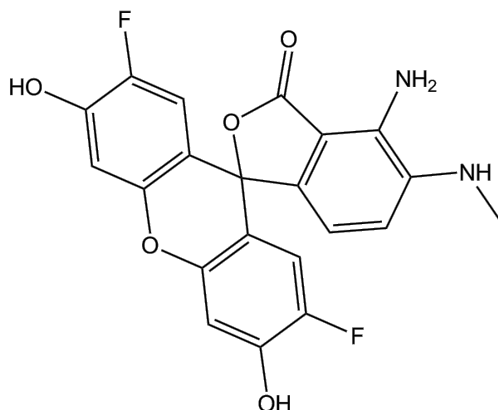
Solubility

Storage 4°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

DAF-FM is a diaminofluorescein, which can be used as fluorescent indicator for nitric oxide (NO) with good pH tolerance^[1].

References:

[1]. Kim WS, et al., Measuring nitric oxide in single neurons by capillary electrophoresis with laser-induced fluorescence: use of ascorbate oxidase in diaminofluorescein measurements. Anal Chem. 2006 Mar 15;78(6):1859-65.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA