

Product datasheet

DAF-FM DA, Nitric oxide quantification reagent
ab145295

1 Image

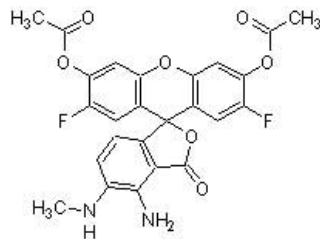
Overview

Product name	DAF-FM DA, Nitric oxide quantification reagent
Description	Cell permeable reagent for quantification of low concentrations of nitric oxide in solution.
Biological description	Cell permeable reagent for quantification of low concentrations of nitric oxide in solution. Essentially nonfluorescent until it is hydrolyzed to DAF-FM (ab145297) by intracellular esterases and reacts with NO to form a fluorescent benzotriazole.

Purity > 98%

CAS Number 254109-22-3

Chemical structure



Properties

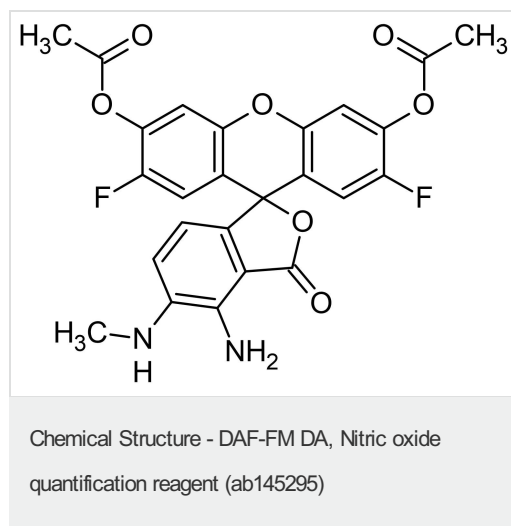
Excitation	500nm
Emission	515nm
Chemical name	3-Amino-4-(N-methylamino)-2',7'-difluorofluorescein diacetate
Molecular weight	496.42
Molecular formula	C ₂₅ H ₁₈ F ₂ N ₂ O ₇
Storage instructions	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
Solubility overview	Soluble in DMSO
Handling	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions \(FAQ\) page](#) for more details.

Source

Synthetic

Images



2D chemical structure image of ab145295, DAF-FM DA, Nitric oxide quantification reagent

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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