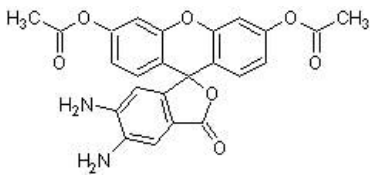


Product datasheet

DAF-2 DA (DMSO solution), fluorescent nitric oxide probe
 probe ab146631

1 Image

Overview

Product name	DAF-2 DA (DMSO solution), fluorescent nitric oxide probe
Description	Fluorescent nitric oxide probe; membrane-permeable
Purity	> 98%
CAS Number	205391-02-2
Chemical structure	

Properties

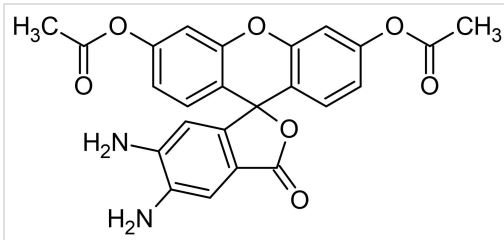
Excitation	485nm
Emission	538nm
Chemical name	(6'-Acetyloxy-5,6-diamino-3-oxospiro[2-benzofuran-1,9'-xanthene]-3'-yl) acetate
Molecular weight	446.41
Molecular formula	C ₂₄ H ₁₈ N ₂ O ₇
PubChem identifier	6603693
Storage instructions	Store at -20°C. Store In the Dark. Store under desiccating conditions. This product is air and light sensitive and impurities can occur as a result of air oxidation or due to metabolism by microbes.
Solubility overview	Supplied in DMSO (5 mM)
Handling	<p>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.</p> <p>Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.</p>
SMILES	<chem>CC(=O)OC1=CC2=C(C=C1)C3(C4=C(O2)C=C(C=C4)OC(=O)C)C5=CC(=C(C=C5C(=O)O3)N)N</chem>

N

Source

Synthetic

Images



2D chemical structure image of ab146631, DAF-2 DA (DMSO solution), fluorescent nitric oxide probe

Chemical Structure - DAF-2 DA (DMSO solution),
fluorescent nitric oxide probe (ab146631)

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

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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