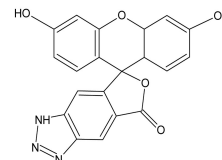


DAF-2T

Highly sensitive reagent for NO detection and determination of nitric oxide synthase activity

Product Description

Name :	DAF-2T
	5,6-Diaminofluoresceine-2-Triazole
Catalog Number :	FP-FL6430 1 mg
CAS :	208850-35-5
Structure :	C ₂₀ H ₁₁ N ₃ O ₅
Molecular Weight :	MW= 373,32
Solubility:	DMSO, Acetone
Absorption / Emission :	$\lambda_{exc} \backslash \lambda_{em}$ (MeOH) = 495/515nm



Storage: Store at -20°C. Protect from light and moisture

Introduction

A highly fluorescent triazole resulting from the reaction between DAF-2 and nitric oxide (NO), in the presence of O₂. Exhibits maximum fluorescence intensity at ~pH 6. Useful as an external standard for the quantification of NO.

Directions for use

Guidelines for use

Protocol may be found in the literature.

References

- **Carvalho H.** et al; FASEB J. 22:927 (2008) [Abstract](#)
- **M. Feelisch** et al; Free Radical Biol. Med. 38(3), 356 (2005)
- **H. Kojima** et al.; Chem. Pharm. Bull. 46(2), 373 (1998)
- **T. Nagano** et al.; J. Biol. Chem. 277(1), 47 (2002)
- **T. Nagano** et al.; FEBS Letters 427(2), 263 (1998)

Related Products

- DAF-2, FP-F9657A
- DAF-2 diacetate, FP-S0372A
- 4-aminofluorescein diacetate (DAF-2 DA negative control), FP-FL9110
- Spermine Nonoate for aqueous NO solution, FP-280969
- Deta Nonoate (NOC18) NO donor, 136190
- NOC12, NO donor, 384760
- SNAP, photoactivatable Nitric Oxide donor, FP-71646A
- SIN-1 chloride, FP-62633A
- Carboxy-PTIO, NO antagonist, FP-459506
- FM Membrane Marker 1-43, FP-51254A

Ordering information

[Catalog size quantities and prices may be found at www.interchim.com/](http://www.interchim.com/)

Please inquire for higher quantities (availability, shipment conditions).

For any information, please ask : FluoProbes® / Interchim; Hotline : +33(0)4 70 03 73 06

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