

DAA

A probe for nitric oxide (NO) that forms a red ( $\lambda_{\text{Em}} 580 \text{ nm}$ ) fluorescent precipitate after reacting with NO.



## Product attributes

<b>CAS number</b>	1758-68-5
<b>Excitation/Emission</b>	488/580 (After reaction with NO)
<b>Molecular weight</b>	336.32
<b>Storage Conditions</b>	Store at -10 to -35 °C, Protect from light, Desiccate

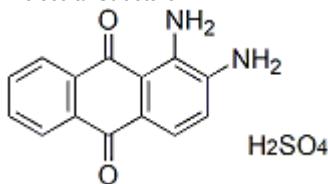
## Product Description

DAA (1,2-Diaminoanthraquinone) reacts with nitric oxide (NO) to form a red ( $\lambda_{\text{Em}} 580 \text{ nm}$ ) fluorescent precipitate.

- Probe for nitric oxide (NO)
- Reacts with NO to form a red fluorescent precipitate
- $\text{C}_{14}\text{H}_{12}\text{N}_2\text{O}_6\text{S}$
- Yellow-orange solid soluble in DMSO

DAA has been used to detect NO in cultured neurons and in rat retinas after injury to the optic nerve.

### Molecular Structure:



## References

1. Neuroreport. 9, 4051 (1998) [PMID: 9926846](#)
2. Microchim Acta 152, 35 (2005) [DOI: 10.1007/s00604-005-0420-x](#)

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