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Aminooxy-5(6)-TAMRA

Aminooxy-5(6)-TAMRA reacts with aldehydes or ketones to form a stable oxime linkage under mild conditions. It can also be used to label abasic sites in damaged DNA.

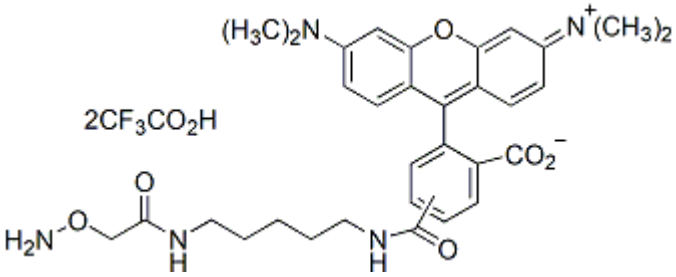
Product attributes

Excitation/Emission	540/565 nm
Chemical reactivity (reacts with)	Aldehydes/ketones
Functional group	Aminooxy (hydroxylamine)
Storage Conditions	Store at -10 to -35 °C, Protect from light

Product Description

Aminooxy-5(6)-TAMRA reacts with aldehydes or ketones to form a stable oxime linkage under mild conditions. Similar to ARP (#90073), aminooxy-5(6)-TAMRA can be used to label abasic sites in damaged DNA. It can also be used to label polysaccharides and glycoproteins.

- $\lambda_{Ex}/\lambda_{Em}$(MeOH) = 540/565 nm
- Dark red solid soluble in DMF or DMSO
- Store at -20°C and protect from moisture and light
- $C_{36}H_{39}F_6N_5O_{10}$
- MW: 815.71



References

1. Polym Chem. (2015) 6(31): 5683–5692. DOI: 10.1039/C5PY00282F