



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Product Information

## 5-Tetramethylrhodamine-dUTP, 1 mM in pH 7.5 Tris-HCl buffer

**Catalog Number** 40001

**Unit Size** 25  $\mu$ L

**Molecular Weight** 990.5

**Color and Form** Red solution

**Absorption/Emission** 553/577 nm

### Storage and Handling

Store Tetramethylrhodamine-dUTP at  $-20^{\circ}\text{C}$  or  $-70^{\circ}\text{C}$ , protected from light. When stored as recommended, product is stable for at least 6 months from date of receipt.

### Product Application

Fluorescent conjugates of dUTP can be used for detection of apoptotic cells by direct fluorescence TUNEL labeling of DNA strand breaks in cells<sup>1</sup>, and can be used in place of dTTP in standard DNA labeling and synthesis protocols to generate fluorescent dsDNA and oligonucleotide probes.

Note: The product is not compatible to PCR application.

### References

1. Gold et al. (1994). *Lab Invest.* 71 (2):219-25.
2. Slupphaug et al. (1993). *Anal Biochem.* 211 (1):164-9.
3. Hogrefe et al. (2002). *PNAS* 99 (2): 596–601.

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