



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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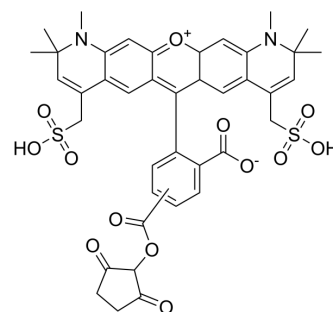
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## TFAX 594,SE

|                    |                                                                                           |
|--------------------|-------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-D1110                                                                                  |
| CAS No.:           | 295348-87-7                                                                               |
| Molecular Formula: | C <sub>39</sub> H <sub>37</sub> N <sub>3</sub> O <sub>13</sub> S <sub>2</sub>             |
| Molecular Weight:  | 819.85                                                                                    |
| Target:            | Fluorescent Dye                                                                           |
| Pathway:           | Others                                                                                    |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|             |                                                                                                                                                                                                                                                                                                                           |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description | TFAX 594,SE is a red fluorescent dye and exhibits pH-insensitivity over a very broad range (pH in the 4-10). TFAX 594,SE yields exceptionally bright, photostable conjugates with proteins or antibodies (such as goat anti-mouse IgG) <sup>[1]</sup> .                                                                   |
| In Vitro    | Excitation maximum=590±22.5 nm; emission maximum=660±16 nm <sup>[1]</sup> .<br>Proteins labeled with the TFAX 594,SE dye are several-fold brighter than the same proteins labeled with Texas Red dyes <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. Panchuk-Voloshina N, et al. Alexa dyes, a series of new fluorescent dyes that yield exceptionally bright, photostable conjugates. J Histochem Cytochem. 1999;47(9):1179-1188.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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