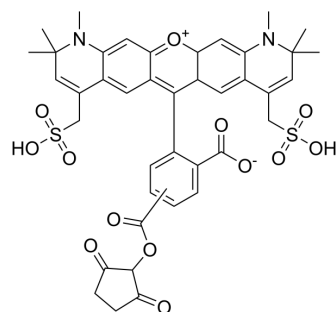


TFAX 594,SE

Cat. No.:	HY-D1110
CAS No.:	295348-87-7
Molecular Formula:	C ₃₉ H ₃₇ N ₃ O ₁₃ S ₂
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). TFX 594,SE yields exceptionally bright, photostable conjugates with proteins or antibodies (such as goat anti-mouse IgG) ^[1] .
In Vitro	Excitation maximum=590±22.5 nm; emission maximum=660±16 nm ^[1] . Proteins labeled with the TFX 594,SE dye are several-fold brighter than the same proteins labeled with Texas Red dyes ^[1] . 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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