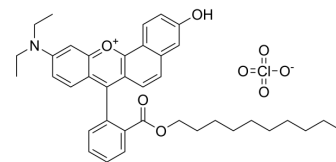


Chromoionophore XIII

Cat. No.:	HY-131510
CAS No.:	135656-96-1
Molecular Formula:	C ₃₈ H ₄₄ ClNO ₈
Molecular Weight:	678.21
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Chromoionophore XIII (SNARF-DE) is a pH sensor that enables excitation with red light. Chromoionophore XIII functionality renders the indicator molecule lipophilic and water-insoluble but also prevents lactonization of the dye in an apolar environment^[1].

REFERENCES

[1]. Borisov SM, et al. Red light-excitable dual lifetime referenced optical pH sensors with intrinsic temperature compensation. *Analyst*. 2010 Jul;135(7):1711-7.

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

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