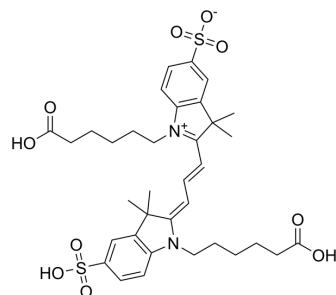


Cyanine 3.18

Cat. No.:	HY-D1097
CAS No.:	146397-17-3
Molecular Formula:	C ₃₅ H ₄₄ N ₂ O ₁₀ S ₂
Molecular Weight:	716.86
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine 3.18 belongs to the cyanine dye series and is a common fluorescent marker for biomolecules that can interact with biomolecules. Cyanine dyes may also bind to double-helical DNA through intercalation and exhibit enhanced fluorescence upon binding.

REFERENCES

[1]. Armitage B A. Cyanine dye–DNA interactions: intercalation, groove binding, and aggregation[J]. DNA Binders and Related Subjects: -/, 2005: 55-76.

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

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