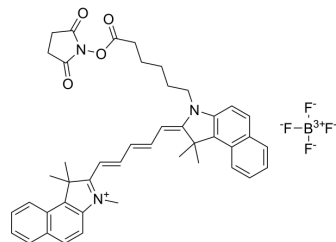


Cyanine5.5 NHS ester tetrafluoroborate

Cat. No.:	HY-D1322
CAS No.:	2375105-86-3
Molecular Formula:	C ₄₄ H ₄₆ BF ₄ N ₃ O ₄
Molecular Weight:	767.66
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Cyanine5.5 NHS ester tetrafluoroborate 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA