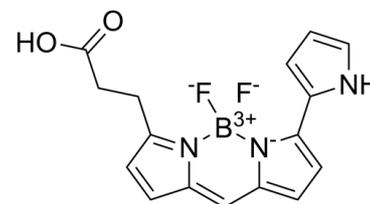


Data Sheet

Product Name:	BODIPY 576/589
Cat. No.:	CS-0131145
CAS No.:	150173-78-7
Molecular Formula:	C ₁₆ H ₁₄ BF ₂ N ₃ O ₂
Molecular Weight:	329.11
Target:	Fluorescent Dye
Pathway:	Others
Solubility:	DMSO : 83.33 mg/mL (253.20 mM; Need ultrasonic)



BIOLOGICAL ACTIVITY:

BODIPY 576/589 is a long wavelength biological labeled dye^[1].

References:

[1]. Bing Tang, et al. Development of BODIPY Dyes With Versatile Functional Groups at 3,5-positions From Diacyl Peroxides via Cu(ii)-catalyzed Radical Alkylation. Chem Commun (Camb). 2019 Apr 16;55(32):4691-4694.

CAIndexNames:

Borate(1-), [2-[[[2,2'-bi-1H-pyrrol]-5-yl-κN1)methylene]-2H-pyrrole-5-propanoato(2-)-κN1]difluoro-, hydrogen (1:1), (T-4)-

SMILES:

[F-][B+3]1([N-]2C(C3=CC=CN3)=CC=C2C=C(C=C4)[N]1=C4CCC(O)=O)[F-]

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

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