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Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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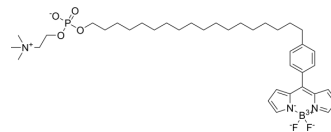
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CLR1501

Cat. No.:	HY-110393
CAS No.:	1250963-36-0
Molecular Formula:	C ₃₈ H ₅₉ BF ₂ N ₃ O ₄ P
Molecular Weight:	701.67
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CLR1501, a fluorescently labeled CLR1404 analog, is a cancer cell-selective fluorescence compound ^{[1][2]} .
In Vitro	CLR1501 exhibits five- to ninefold preferential uptake in these cancer cell lines in vitro compared to normal fibroblasts ^[1] . Excitation/emission peaks are 500/517 nm for CLR1501. CLR1501 exhibits tumor selectivity in vitro and in vivo for human glioblastoma stem-like (GSC) cell lines and xenografts ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Weichert JP, et al. Alkylphosphocholine analogs for broad-spectrum cancer imaging and therapy. *Sci Transl Med*. 2014 Jun 11;6(240):240ra75.
- [2]. Swanson KI, et al. Fluorescent cancer-selective alkylphosphocholine analogs for intraoperative glioma detection. *Neurosurgery*. 2015 Feb;76(2):115-23; discussion 123-4.
- [3]. Deming DA, Maher ME, Leystra AA, et al. Phospholipid ether analogs for the detection of colorectal tumors. *PLoS One*. 2014;9(10):e109668.

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

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