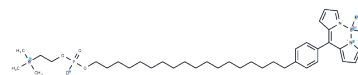


CLR1501

Chemical Properties

CAS No. : 1250963-36-0
Formula: C₃₈H₅₉BF₂N₃O₄P
Molecular Weight: 701.67
Appearance: no data available
Storage: keep away from direct sunlight
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	CLR1501 is a fluorescently labeled CLR1404 analog and a cancer cell-selective fluorescence compound[1][2].
Targets(IC50)	Others
In vitro	CLR1501 exhibits five- to ninefold preferential uptake in these cancer cell lines in vitro compared to normal fibroblasts[1]. It exhibits tumor selectivity in vitro and in vivo for human glioblastoma stem-like (GSC) cell lines and xenografts[2] and the Excitation/emission peaks for CLR1501 are 500/517 nm.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4252 mL	7.1259 mL	14.2517 mL
5 mM	0.285 mL	1.4252 mL	2.8503 mL
10 mM	0.1425 mL	0.7126 mL	1.4252 mL
50 mM	0.0285 mL	0.1425 mL	0.285 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Weichert JP, et al. Alkylphosphocholine analogs for broad-spectrum cancer imaging and therapy. Sci Transl Med. 2014 Jun 11;6(240):240ra75.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481