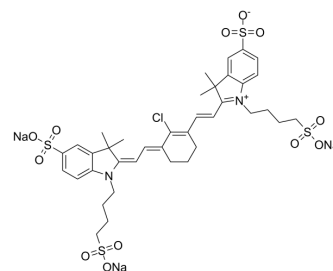


S0456

Cat. No.:	HY-D1716
CAS No.:	1252007-83-2
Molecular Formula:	$C_{38}H_{44}ClN_2Na_3O_{12}S_4$
Molecular Weight:	953.44
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)



BIOLOGICAL ACTIVITY

Description

S0456 is a near-infrared (NIR) fluorescent dye that can be used for synthesize Pafolacianine (HY-139579). S0456 binds to the folate receptor (FR). S0456 can be used as a tumor-specific optical imaging agent. The excitation wavelength is 788 nM and emission wavelength is 800 nM^[1].

REFERENCES

[1]. Mahalingam SM, et al. Evaluation of Novel Tumor-Targeted Near-Infrared Probe for Fluorescence-Guided Surgery of Cancer. J Med Chem. 2018 Nov 8;61(21):9637-9646.

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