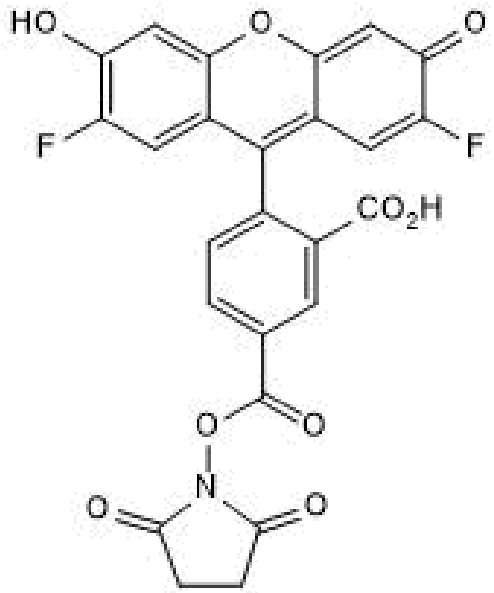
Product Data Sheet

Product Name: OG 488, SE
Cat. No.: GC50399

Chemical Properties

Cas. No.	198139-51-4		
SMILES	OC1=C(F)C=C(C(C2=CC=C(C(ON3C(CCC3=O)=O)=O)C=C2C(O)=O)=C(C=C4F)C(O5)=CC4=O)C5=C1		
Formula	$C_{25}H_{13}F_2NO_9$	M.Wt	509.37
Solubility	Soluble in DMSO	Storage	Store at -20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20°C for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		

Structure



Background

Green fluorescent dye. pH-insensitive in physiological pH range (pKa = 4.6). Can be used to monitor pH change in acidic organelles or pathways. Excitation/emission λ 501/526 nm.

Vergene et al (1998) Phagosomal pH determination by dual fluorescence flow cytometry.

Caution: Product has not been fully validated for medical applications. For research use only.
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Anal.Biochem. 255 127 PMID:9448851