

Product Data Sheet

Product Name: OG 488, SE

Cat. No.: GC50399

Chemical Properties

Cas. No. 198139-51-4

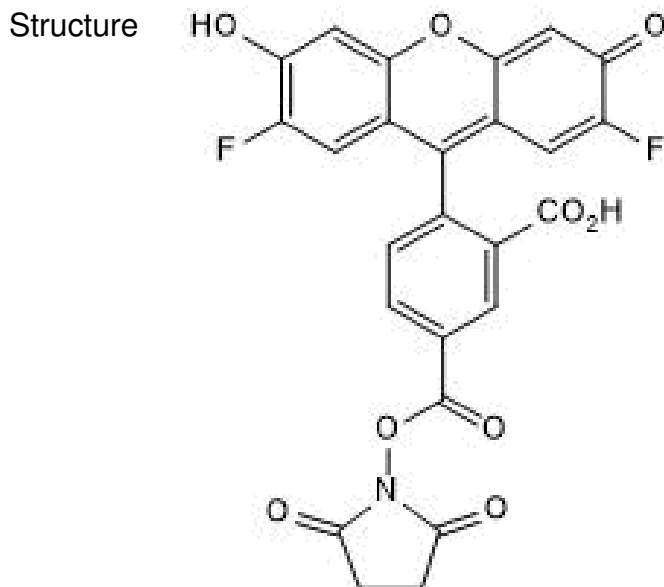
SMILES OC1=C(F)C=C(C(C2=CC=C(C(ON3C(CCC3=O)=O)=O)C=C2C(O)=O)=C(C=C4F)C(O5)=CC4=O)C5=C1

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.



Background

Green fluorescent dye. pH-insensitive in physiological pH range ($pK_a = 4.6$). 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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