

OG 488, acid

Chemical Properties

CAS No. : 195136-52-8

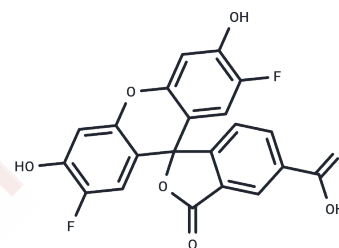
Formula: C₂₁H₁₀F₂O₇

Molecular Weight: 412.301

Keep away from direct sunlight

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	OG 488, a fluorescent pH indicator (acid), is widely used in biochemistry and neurosciences, offering numerous applications.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4254 mL	12.1271 mL	24.2542 mL
5 mM	0.4851 mL	2.4254 mL	4.8508 mL
10 mM	0.2425 mL	1.2127 mL	2.4254 mL
50 mM	0.0485 mL	0.2425 mL	0.4851 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.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Angel Orte, et al. Absorption and emission study of 2',7'-difluorofluorescein and its excited-state buffer-mediated proton exchange reactions. J Phys Chem A. 2005 Feb 10;109(5):734-47.

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481