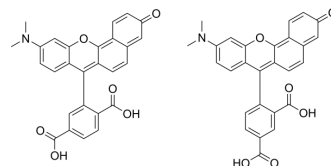


Carboxy-SNARF 1 (5/6-mixture)

Cat. No.:	HY-D1094
CAS No.:	126208-12-6
Molecular Formula:	C ₂₇ H ₁₉ NO ₆
Molecular Weight:	453.44
Target:	Fluorescent Dye
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (22.05 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2054 mL	11.0268 mL	22.0536 mL
	5 mM	0.4411 mL	2.2054 mL	4.4107 mL
	10 mM	0.2205 mL	1.1027 mL	2.2054 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Carboxy-SNARF 1 (5/6-mixture) (SNARF 1) is a fluorescent probe that is sensitive to pH. Carboxy-SNARF 1 (5/6-mixture) can be used for measurement of intracellular pH^[1].

REFERENCES

[1]. Vecer J, et, al. Fluorescence behavior of the pH-sensitive probe carboxy SNARF-1 in suspension of liposomes. Photochem Photobiol. 2001 Jul;74(1):8-13.

Caution: Product has not been fully validated for medical applications. For research use only.

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