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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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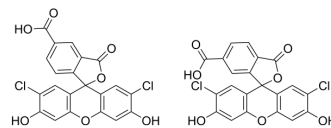
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5(6)-Carboxy-2',7'-dichlorofluorescein

Cat. No.:	HY-D0194
CAS No.:	111843-78-8
Molecular Formula:	C ₂₁ H ₁₀ Cl ₂ O ₇
Molecular Weight:	445.21
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)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (70.19 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	2.2461 mL	11.2307 mL	22.4613 mL
	5 mM	0.4492 mL	2.2461 mL	4.4923 mL
	10 mM	0.2246 mL	1.1231 mL	2.2461 mL

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

BIOLOGICAL ACTIVITY

Description

5(6)-Carboxy-2',7'-dichlorofluorescein is an ideal substrate for MRP2 vesicular transport assay, with excellent detection and transport properties^[1].

REFERENCES

[1]. Heredi-Szabo K, et al. Characterization of 5(6)-carboxy-2',7'-dichlorofluorescein transport by MRP2 and utilization of this substrate as a fluorescent surrogate for LTC4. J Biomol Screen. 2008 Apr;13(4):295-301.

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

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