



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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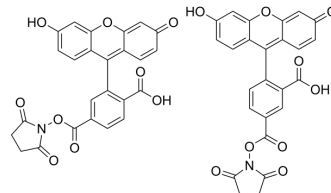
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## 5(6)-FAM SE

Cat. No.:	HY-15937
CAS No.:	117548-22-8
Molecular Formula:	C <sub>25</sub> H <sub>15</sub> NO <sub>9</sub>
Molecular Weight:	473.39
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 : 83.33 mg/mL (176.03 mM); ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.1124 mL	10.5621 mL	21.1242 mL
	5 mM	0.4225 mL	2.1124 mL	4.2248 mL
	10 mM	0.2112 mL	1.0562 mL	2.1124 mL

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

#### In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline  
Solubility: 6.25 mg/mL (13.20 mM); Suspended solution; Need ultrasonic
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)  
Solubility: 2.08 mg/mL (4.39 mM); Suspended solution; Need ultrasonic

### BIOLOGICAL ACTIVITY

#### Description

5(6)-FAM SE is an amine-reactive green fluorescent dye widely used for labeling proteins or other molecules that contain a primary or secondary aliphatic amine.

### REFERENCES

- Stafford JM, et al. Accessory factors facilitate the binding of glucocorticoid receptor to the phosphoenolpyruvate carboxykinase gene promoter. *J Biol Chem.* 2001 Oct 26;276(43):39885-91.
- Powell RD, et al. Combined fluorescent and gold immunoprobes: reagents and methods for correlative light and electron microscopy. *Microsc Res Tech.* 1998 Jul 1;42(1):2-12.

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

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