



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

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

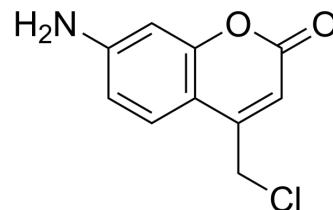
mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CellTracker Blue CMAC

Cat. No.:	HY-D1462
CAS No.:	147963-22-2
Molecular Formula:	C ₁₀ H ₈ ClNO ₂
Molecular Weight:	209.63
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 125 mg/mL (596.29 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		1 mM	4.7703 mL	23.8515 mL	47.7031 mL	
		5 mM	0.9541 mL	4.7703 mL	9.5406 mL	
	10 mM	0.4770 mL	2.3852 mL	4.7703 mL		
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline					
	Solubility: ≥ 2.08 mg/mL (9.92 mM); Clear solution					

BIOLOGICAL ACTIVITY

Description	CellTracker Blue CMAC is a fluorescent dye , whose chloromethyl group can form a covalent bond with cell proteins. CellTracker Blue CMAC providing a stable attachment permitting long-term cell tracking ^[1] .
-------------	--

REFERENCES

[1]. Horobin RW, et al. Reactive dyes for living cells: Applications, artefacts, and some comparisons with textile dyeing. Coloration technology, 2022,138(1):3-15.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA