



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

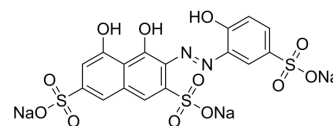
mail@szabo-scandic.com

www.szabo-scandic.com

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

Acid chrome blue K

Cat. No.:	HY-W111168
CAS No.:	3270-25-5
Molecular Formula:	C ₁₆ H ₉ N ₂ Na ₃ O ₁₂ S ₃
Molecular Weight:	586.41
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	RT, stored under nitrogen In solvent -80°C 2 years -20°C 1 year



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (85.26 mM; Need ultrasonic)

	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.7053 mL	8.5265 mL	17.0529 mL
	5 mM	0.3411 mL	1.7053 mL	3.4106 mL
	10 mM	0.1705 mL	0.8526 mL	1.7053 mL

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

BIOLOGICAL ACTIVITY

Description

Acid chrome blue K is a metal indicator. The solution color of the LAMP (Loop-mediated isothermal amplification) reaction with ACBK (Acid chrome blue K) changes from red to blue based on a decrease in the Mg²⁺ concentration in the reaction solution^[1].

REFERENCES

[1]. Wang X, et al. Use of a novel metal indicator to judge loop-mediated isothermal amplification for detecting the 35S promoter. Anal Bioanal Chem. 2017 Feb;409(4):881-889.

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