



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

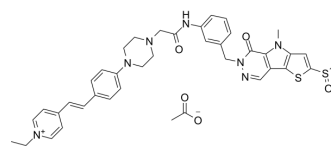
mail@szabo-scandic.com

www.szabo-scandic.com

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

ZY-2

Cat. No.:	HY-D1876
Molecular Formula:	C ₄₀ H ₄₃ N ₇ O ₅ S ₂
Molecular Weight:	765.94
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (130.56 mM; Need ultrasonic)

Solvent	Mass	Concentration		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.3056 mL	6.5279 mL	13.0559 mL
	5 mM	0.2611 mL	1.3056 mL	2.6112 mL
	10 mM	0.1306 mL	0.6528 mL	1.3056 mL

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

BIOLOGICAL ACTIVITY

Description

ZY-2 is a specific fluorescent probe for pyruvate kinase M2 (PKM2). ZY-2 can image in PKM2-positive cells in a time- and concentration-dependent manner. ZY-2 can be used for the detection of cancer cells^[1].

REFERENCES

[1]. Zhang Y, et al. A responsive fluorescent probe for detecting and imaging pyruvate kinase M2 in live cells. Chem Commun (Camb). 2022, 58(45): 6494-6497.

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