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

# Rhodamine 6G hydrazide

**Cat. No.:** HY-D1599

**CAS No.:** 932013-08-6

**Molecular Formula:** $C_{26}H_{28}N_4O_2$

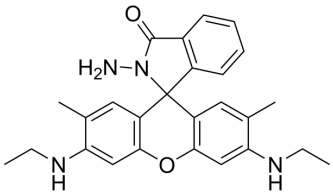
**Molecular Weight:** 428.53

**Target:** Fluorescent Dye

**Pathway:** Others

**Storage:** 4°C, protect from light

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



## SOLVENT & SOLUBILITY

**In Vitro**

DMSO : 10 mg/mL (23.34 mM; ultrasonic and warming and heat to 60°C)

| Preparing Stock Solutions | Solvent / Mass / Concentration | 1 mg | 5 mg | 10 mg |
|---|---|---|---|---|
| | 1 mM | 2.3336 mL | 11.6678 mL | 23.3356 mL |
| | 5 mM | 0.4667 mL | 2.3336 mL | 4.6671 mL |
| | 10 mM | 0.2334 mL | 1.1668 mL | 2.3336 mL |

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

## BIOLOGICAL ACTIVITY

**Description**

Rhodamine 6G hydrazide (R6GH) is a fluorescent dye. Rhodamine 6G hydrazide can be used in selective colorimetric and fluorescent sensing[1].

**In Vitro**

Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs)[1].

1. Rhodamine 6G hydrazide ($1.0 \times 10^{3}$ M) is prepared in methanol.
2. Dilute sample and Rhodamine 6G hydrazide to the working concentration.
3. Fill Rhodamine 6G hydrazide (2 mL, MeOH, $5 \times 10^{4}$ M) into a quartz cuvette, and then adds same amount of sample solution.
4. Record spectral data (Ex=500 nm, Em=505-100 nm).

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

## REFERENCES

[1]. Upadhyay Y, et al. Optical sensing of hydrogen sulphate using rhodamine 6G hydrazide from aqueous medium. Spectrochim Acta A Mol Biomol Spectrosc. 2017 Jun

5;180:44-50.



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