



# 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

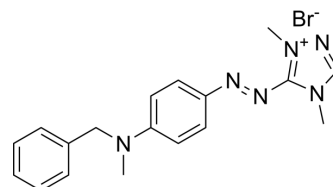
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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

## Basic Red 46

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Cat. No.:          | HY-D1214                                                                                                                                           |
| CAS No.:           | 12221-69-1                                                                                                                                         |
| Molecular Formula: | C <sub>18</sub> H <sub>21</sub> BrN <sub>6</sub>                                                                                                   |
| Molecular Weight:  | 401.3                                                                                                                                              |
| Target:            | Fluorescent Dye                                                                                                                                    |
| Pathway:           | Others                                                                                                                                             |
| Storage:           | 4°C, sealed storage, away from moisture and light<br>* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light) |



### SOLVENT & SOLUBILITY

#### In Vitro

DMSO : 1 mg/mL (2.49 mM; ultrasonic and warming and heat to 60°C)

|                              | Solvent<br>Concentration | Mass | 1 mg      | 5 mg       | 10 mg      |
|------------------------------|--------------------------|------|-----------|------------|------------|
|                              |                          |      |           |            |            |
| Preparing<br>Stock Solutions | 1 mM                     |      | 2.4919 mL | 12.4595 mL | 24.9190 mL |
|                              | 5 mM                     |      | ---       | ---        | ---        |
|                              | 10 mM                    |      | ---       | ---        | ---        |
|                              |                          |      |           |            |            |

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

### BIOLOGICAL ACTIVITY

#### Description

Basic Red 46 is an alkaline dye that can be removed from aqueous solutions in intermittent adsorption systems using tree ferns as biosorbents.

### REFERENCES

[1]. Ho Y S, Chiang T H, Hsueh Y M. Removal of basic dye from aqueous solution using tree fern as a biosorbent[J]. Process Biochemistry, 2005, 40(1): 119-124.

**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