



# 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

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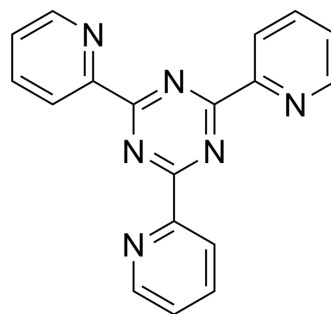
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## 2,4,6-Tri-2-pyridinyl-1,3,5-triazine

Cat. No.:	HY-D0221
CAS No.:	3682-35-7
Molecular Formula:	C <sub>18</sub> H <sub>12</sub> N <sub>6</sub>
Molecular Weight:	312.33
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Store at room temperature



### SOLVENT & SOLUBILITY

#### In Vitro

Methanol : 50 mg/mL (160.09 mM; Need ultrasonic)

Concentration	Solvent	Mass	1 mg	5 mg	10 mg
			Preparing Stock Solutions	Preparing Stock Solutions	Preparing Stock Solutions
1 mM			3.2017 mL	16.0087 mL	32.0174 mL
5 mM			0.6403 mL	3.2017 mL	6.4035 mL
10 mM			0.3202 mL	1.6009 mL	3.2017 mL

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

### BIOLOGICAL ACTIVITY

#### Description

2,4,6-Tri-2-pyridinyl-1,3,5-triazine (NSC 112125) is a commonly used fluorescent dye for detecting iron. 2,4,6-Tri-2-pyridinyl-1,3,5-triazine forms a complex with Fe (II) and can be quantified as a measure of iron concentration by colorimetric detection at 594 nm<sup>[1]</sup>.

### REFERENCES

[1]. Collins P F, et al. 2, 4, 6-Tripyridyl-s-triazine as reagent for iron. Determination of iron in limestone, silicates, and refractories[J]. Analytical chemistry, 1959, 31(11): 1862-1867.

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

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