



# 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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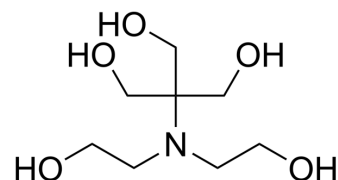
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## Bis-Tris

Cat. No.:	HY-D0856		
CAS No.:	6976-37-0		
Molecular Formula:	C <sub>8</sub> H <sub>19</sub> NO <sub>5</sub>		
Molecular Weight:	209.24		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 250 mg/mL (1194.80 mM; Need ultrasonic)					
	Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
			1 mM	4.7792 mL	23.8960 mL	47.7920 mL
			5 mM	0.9558 mL	4.7792 mL	9.5584 mL
			10 mM	0.4779 mL	2.3896 mL	4.7792 mL
Please refer to the solubility information to select the appropriate solvent.						
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (238.96 mM); Clear solution; Need ultrasonic					

### BIOLOGICAL ACTIVITY

Description	Bis-Tris is an amine buffer suitable for protein and nucleic acid systems with a pH buffer range of 5.8-7.2. Bis-Tris can also be mixed with HEPES and cacodylic acid buffer to create a pH 8 environment and monitor fluorescence emission intensity at 305 nm. Gels formulated with Bis-Tris also avoid protein degradation in samples prepared at higher pH (pH 8.5) <sup>[1][2][3]</sup> .
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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