



# 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

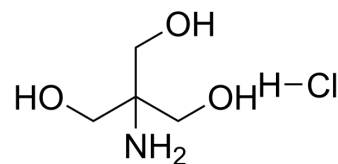
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

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

## THAM hydrochloride (Standard)

Cat. No.:	HY-D0227AR
CAS No.:	1185-53-1
Molecular Formula:	C <sub>4</sub> H <sub>12</sub> ClNO <sub>3</sub>
Molecular Weight:	157.6
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

THAM (hydrochloride) (Standard) is the analytical standard of THAM (hydrochloride). This product is intended for research and analytical applications. THAM hydrochloride (Tris HCl) is a biologically inert amino alcohol of low toxicity, which buffers carbon dioxide and acids in vitro and in vivo. THAM hydrochloride is an effective amine compound for pH control in the physiological range<sup>[1][2]</sup>.

### REFERENCES

- [1]. Nahas GG, et al. Guidelines for the treatment of acidaemia with THAM. *Drugs*. 1998 Feb;55(2):191-224.
- [2]. Höstman S, et al. THAM reduces CO<sub>2</sub>-associated increase in pulmonary vascular resistance - an experimental study in lung-injured piglets. *Crit Care*. 2015 Sep 17;19(1):331.

**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