

Certificate of Analysis**www.tocris.com****Product Name:** Hypotaurine**Catalog No.:** 0208**Batch No.:** 23

CAS Number: 300-84-5

IUPAC Name: 2-Aminoethylsulfonic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₂H₇NO₂S
Batch Molecular Weight: 109.14
Physical Appearance: White solid
Solubility: water to 100 mM
Storage: Desiccate at RT
Batch Molecular Structure:

**2. ANALYTICAL DATA****¹H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:**

	Carbon	Hydrogen	Nitrogen
Theoretical	22.01	6.46	12.83
Found	21.91	6.42	12.79

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel: +1 612 379 2956

Product Name: Hypotaurine**Catalog No.:** 0208**23**

CAS Number: 300-84-5

IUPAC Name: 2-Aminoethylsulfonic acid

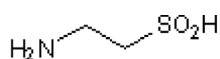
Description:

Hypotaurine is an endogenous inhibitory amino acid.

Physical and Chemical Properties:Batch Molecular Formula: C₂H₇NO₂S

Batch Molecular Weight: 109.14

Physical Appearance: White solid

Batch Molecular Structure:**Storage:** Desiccate at RT**Solubility & Usage Info:**

water to 100 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. *Unless contradicted by product-specific protocols or instructions, our standard recommendations apply:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.**SOLUTIONS:** We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.**References:****Okamoto and Sakai** (1981) Inhibitory actions of taurocyamine, hypotaurine, homotaurine, taurine and GABA on spike discharges of purkinje cells, and localization of sensitive sites in guinea pig cerebellar slices. *Brain Res.* **206** 371. PMID: 7214140.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

bio-techne.com

info@bio-techne.com

techsupport@bio-techne.com

North America

Tel: (800) 343 7475

China

info.cn@bio-techne.com

Tel: +86 (21) 52380373

Europe Middle East Africa

Tel: +44 (0)1235 529449

Rest of World

www.tocris.com/distributors

Tel:+1 612 379 2956