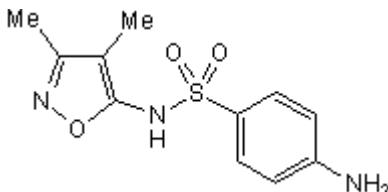


Certificate of Analysiswww.tocris.com**Product Name:** Sulfisoxazole**Catalog No.:** 0731**Batch No.:** 1

CAS Number: 127-69-5

EC Number: 204-858-9

IUPAC Name: 4-Amino-N-(3,4-dimethyl-5-isoxazolyl)benzenesulfonamide

1. PHYSICAL AND CHEMICAL PROPERTIES**Batch Molecular Formula:** C₁₁H₁₃N₃O₃S**Batch Molecular Weight:** 267.31**Physical Appearance:** White solid**Solubility:** DMSO to 100 mM**Storage:** Store at RT**Batch Molecular Structure:****2. ANALYTICAL DATA****Melting Point:** Between 197 - 198°C**HPLC:** Shows >99.9% purity**Mass Spectrum:** Consistent with structure

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

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Product Information

www.tocris.com**Product Name:** **Sulfisoxazole**

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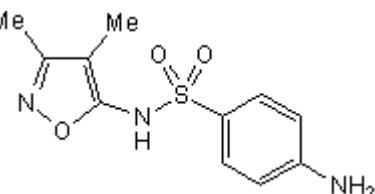
Batch No.: 1**Description:**

A selective ET_A endothelin receptor antagonist (IC₅₀ values are 600 and 2200 nM for ET_A and ET_B receptors respectively).

Physical and Chemical Properties:Batch Molecular Formula: C₁₁H₁₃N₃O₃S

Batch Molecular Weight: 267.31

Physical Appearance: White solid

Minimum Purity: >99%**Batch Molecular Structure:****Storage:** Store at RT**Solubility & Usage Info:**

DMSO 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. Our standard recommendations are:

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:

Chan *et al* (1994) Identification of a new class of ET_A selective endothelin antagonists by pharmacophore directed screening. *Biochem.Biophys.Res.Commun.* **201** 228. PMID: 8198578.

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