

Certificate of Analysis

Product Name: Saclofen

Catalog No.: 0246

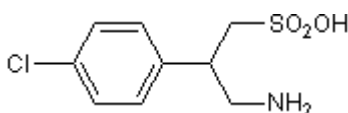
Batch No.: 13

CAS Number: 125464-42-8

IUPAC Name: (RS)-3-Amino-2-(4-chlorophenyl)propylsulfonic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₉H₁₂ClNO₃S·¼H₂O
Batch Molecular Weight: 254.22
Physical Appearance: Off White solid
Solubility: 1eq. NaOH to 25 mM
 water to 10 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

TLC: R_f = 0.65 (PAW / BuOH (2:3))
HPLC: Shows 98.8% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	42.52	4.96	5.51
Found	42.7	4.66	5.59

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

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Description:

Selective antagonist at GABA_B receptors.

Physical and Chemical Properties:

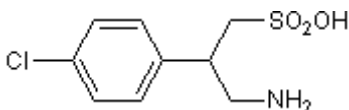
Batch Molecular Formula: C₉H₁₂ClNO₃S·¼H₂O

Batch Molecular Weight: 254.22

Physical Appearance: Off White solid

Minimum Purity: >99%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

1eq. NaOH to 25 mM
water to 10 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:

Jane et al (1990) Use of the neonatal rat spinal cord in studies of the GABA_B receptor. GABA_B receptors in Mammalian Function. 42b.

Bowery (1989) GABA_B receptors and their significance in mammalian pharmacology. *TIPS* 10 401. PMID: 2559518.

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