

Product Name: (RS)-4-Carboxyphenylglycine

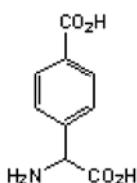
Catalog No.: 0321

Batch No.: 2

CAS Number: 7292-81-1

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₉H₉NO₄
Batch Molecular Weight: 195.17
Physical Appearance: White solid
Solubility: 1eq. NaOH to 100 mM
 water to 5 mM
Storage: Store at RT
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.9% purity
¹H NMR: Consistent with structure
¹³C NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	55.39	4.65	7.18
Found	55.26	4.65	6.99

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

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Description:

Broad spectrum EAA ligand. S-enantiomer and R-enantiomer also available.

Physical and Chemical Properties:

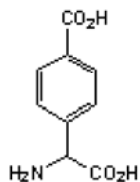
Batch Molecular Formula: C₉H₉NO₄

Batch Molecular Weight: 195.17

Physical Appearance: White solid

Minimum Purity: >99%

Batch Molecular Structure:



Storage: Store at RT

Solubility & Usage Info:

1eq. NaOH to 100 mM

water to 5 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.

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