Product Name: CHPG
Catalog No.: 1049
Batch No.: 18

CAS Number: 170846-74-9
IUPAC Name: (RS)-2-Chloro-5-hydroxyphenylglycine

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C$_8$H$_8$NO$_3$Cl
Batch Molecular Weight: 201.61
Physical Appearance: Off White solid
Solubility: 1.1eq. NaOH to 100 mM
Storage: Store at RT

2. ANALYTICAL DATA

HPLC: Shows 99.2% purity
$^1$H NMR: Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
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<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
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<tr>
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</table>

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

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Product Name: CHPG  
Catalog No.: 1049  
Batch No.: 18

CAS Number: 170846-74-9  
IUPAC Name: (RS)-2-Chloro-5-hydroxyphenylglycine

Description:
CHPG is a selective mGlu5 metabotropic glutamate receptor agonist, completely inactive at mGlu1a receptors expressed in CHO cells. Active in vivo. Sodium Salt also available.

Physical and Chemical Properties:
Batch Molecular Formula: C11H9NO3Cl  
Batch Molecular Weight: 201.61  
Physical Appearance: Off White solid

Minimum Purity: ≥99%

Storage: Store at RT

Solubility & Usage Info:
1.1eq. NaOH 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:
