

Certificate of Analysis

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Product Name: NPEC-caged-LY 379268

Catalog No.: 3332

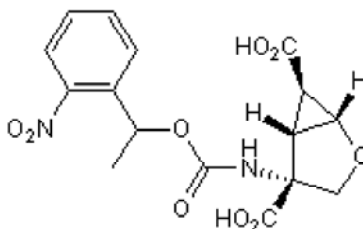
Batch No.: 1

CAS Number: 1257323-82-2

IUPAC Name: (N)-1-(2-Nitrophenyl)ethylcarboxy-(1*R*,4*R*,5*S*,6*R*)-4-Amino-2-oxabicyclo[3.1.0]hexane-4,6-dicarboxylic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₁₆H₁₆N₂O₉
Batch Molecular Weight: 380.31
Physical Appearance: White solid
Solubility: 1eq. NaOH to 100 mM
DMSO to 100 mM
ethanol to 100 mM
Storage: Store at -20°C
Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC: Shows 99.8% purity
¹H NMR: Consistent with structure
Mass Spectrum: Consistent with structure

Microanalysis:

	Carbon	Hydrogen	Nitrogen
Theoretical	50.53	4.24	7.37
Found	50.64	4.55	6.93

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

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Product Information

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Description:

NPEC ((N)-1-(2-Nitrophenyl)ethoxycarbonyl) caged version of LY 379268 (Cat.No. 2453), selective group II mGlu receptor agonist.

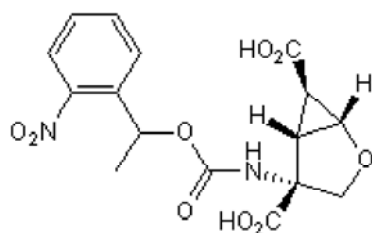
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Batch Molecular Weight: 380.31

Physical Appearance: White solid

Batch Molecular Structure:



Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:

1eq. NaOH to 100 mM

DMSO to 100 mM

ethanol 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.

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