Product Name: (S)-(+) Rolipram

CAS Number: 85416-73-5

IUPAC Name: (4S)-4-[3-(Cyclopentyloxy)-4-methoxyphenyl]pyrrolidin-2-one

Catalog No.: 1350
Batch No.: 6

1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: $C_{16}H_{21}NO_3$
- Batch Molecular Weight: 275.35
- Physical Appearance: Off White solid
- Solubility: DMSO to 100 mM
- Storage: Store at RT

2. ANALYTICAL DATA

- HPLC: Shows 100% purity
- Chiral HPLC: Shows 100% purity
- $^1$H NMR: Consistent with structure
- Mass Spectrum: Consistent with structure
- Microanalysis:

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

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Product Name: (S)-(−)-Rolipram

CAS Number: 85416-73-5

IUPAC Name: (4S)-4-[3-(Cyclopentyloxy)-4-methoxyphenyl]pyrrolidin-2-one

Description:
Less active enantiomer of the PDE4 inhibitor rolipram (Cat. No. 0905). (R)-(−)-Rolipram (Cat. No. 1349) also available.

Physical and Chemical Properties:
Batch Molecular Formula: C_{15}H_{21}NO_5
Batch Molecular Weight: 275.35
Physical Appearance: Off White solid

Minimum Purity: >99%

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:
