Product Name: (±)-CP 47497
CAS Number: 70434-82-1
IUPAC Name: rel-5-(1,1-Dimethylheptyl)-2-[(1R,3S)-3-hydroxycyclohexyl]phenol

1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: C_{12}H_{34}O_{2}
- Batch Molecular Weight: 318.49
- Physical Appearance: White solid
- Solubility: DMSO to 100 mM, ethanol to 100 mM
- Storage: Store at -20°C
- Batch Molecular Structure:

2. ANALYTICAL DATA

- HPLC: Shows 98% purity
- Mass Spectrum: Consistent with structure
Product Name: (±)-CP 47497
Catalog No.: 3500
Batch No.: 2

CAS Number: 70434-82-1
IUPAC Name: rel-5-(1,1-Dimethylheptyl)-2-[(1R,3S)-3-hydroxycyclohexyl]phenol

Description:
Potent CB₁ receptor agonist (Kᵢ = 2.2 nM). Exhibits analgesic, motor depressant, anticonvulsant and hypothermic effects in vivo.

Physical and Chemical Properties:
Batch Molecular Formula: C₁₂H₂₄O₂
Batch Molecular Weight: 318.49
Physical Appearance: White solid
Minimum Purity: >98%

Storage: Store at -20°C

Solubility & Usage Info:
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.

Other Information:
INFORMATION FOR CUSTOMERS IN THE UK ONLY
This product is a Schedule 1 Home Office controlled substance and customers in the UK are required to hold the relevant licence or be exempt from restrictions in order to purchase and possess this material.

INFORMATION FOR CUSTOMERS IN THE USA ONLY
This product is a Schedule I DEA controlled substance and customers in the USA are required to hold a controlled substance registration in order to purchase and possess this material (in accordance with Title 21 code of federal regulations part 1300 to end).

INFORMATION FOR CUSTOMERS IN CANADA ONLY
This product is a Schedule II CDSA controlled substance and customers in Canada require an import permit to purchase this material.

References:
