1. PHYSICAL AND CHEMICAL PROPERTIES

- Batch Molecular Formula: $\text{C}_{21}\text{H}_{26}\text{O}_2$
- Batch Molecular Weight: 310.43
- Physical Appearance: White solid
- Solubility: DMSO to 50 mM, ethanol to 10 mM
- Storage: Store at -20°C

2. ANALYTICAL DATA

- HPLC: Shows 99.1% purity
Product Name:  Cannabinol  
Catalog No.: 3130  
Batch No.: 2

CAS Number:  521-35-7  
IUPAC Name:  6,6,9-Trimethyl-3-pentyl-6H-benzo[c]chromen-1-ol

Description:  
Cannabinol is a CB₂ and CB₁ receptor agonist (Kᵢ values are 126 and 211 nM respectively). Inhibits adenylyl cyclase (EC₅₀ values are 120 and 261 nM for CB₁ and CB₂ receptors respectively) and suppresses immune cell function. Major constituent of cannabis; displays little or no psychotropic activity.

Physical and Chemical Properties:  
- Batch Molecular Formula:  C₂₁H₂₆O₂  
- Batch Molecular Weight:  310.43  
- Physical Appearance:  White solid

Storage:  Store at -20°C

Solubility & Usage Info:  
- DMSO to 50 mM  
- Ethanol to 10 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.

References:  