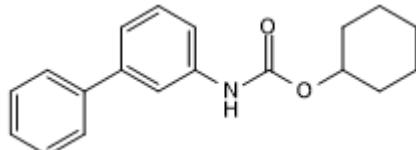


Certificate of Analysiswww.tocris.com**Product Name:** URB 602**Catalog No.:** 6020**Batch No.:** 1

CAS Number: 565460-15-3

IUPAC Name: *N*-[1,1'-Biphenyl]-3-yl-carbamic acid cyclohexyl ester**1. PHYSICAL AND CHEMICAL PROPERTIES****Batch Molecular Formula:** C₁₉H₂₁NO₂**Batch Molecular Weight:** 295.38**Physical Appearance:** White solid**Solubility:** DMSO to 100 mM
ethanol to 100 mM**Storage:** Store at +4°C**Batch Molecular Structure:****2. ANALYTICAL DATA****HPLC:** Shows 99.4% purity**¹H NMR:** Consistent with structure**Mass Spectrum:** Consistent with structure**Microanalysis:** Carbon Hydrogen Nitrogen

Theoretical 77.26 7.17 4.74

Found 77.05 7.21 4.82

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

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Product Name: URB 602**Catalog No.:** 6020**Batch No.:** 1

CAS Number: 565460-15-3

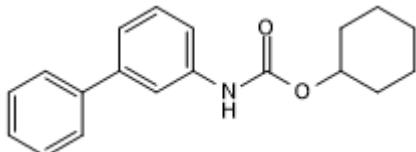
IUPAC Name: *N*-[1,1'-Biphenyl]-3-yl-carbamic acid cyclohexyl ester**Description:**

Non-competitive MAGL inhibitor. Exhibits selectivity for MAGL over FAAH, diacylglycerol lipase and COX2. Blocks 2-AG hydrolysis in rat brain slices. Enhances stress-induced analgesia in rats.

Physical and Chemical Properties:Batch Molecular Formula: C₁₉H₂₁NO₂

Batch Molecular Weight: 295.38

Physical Appearance: White solid

Minimum Purity: >99%**Batch Molecular Structure:****Storage:** Store at +4°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.

References:

Hohmann *et al* (2005) An endocannabinoid mechanism for stress-induced analgesia. *Nature*. **435** 1108. PMID: 15973410.

Makara *et al* (2005) Selective inhibition of 2-AG hydrolysis enhances endocannabinoid signaling in hippocampus. *Nat.Neurosci.* **8** 1139. PMID: 16116451.

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