



# **Draft Assessment Report**

## **Evaluation of Active Substances**

Plant Protection Products

Prepared according to **Regulation (EC) 1107/2009**  
as it applies in Great Britain (GB PPP)

### **Cinmethylin (BAS 684 H)**

**Volume 3 – B.1 (AS)**  
**Identity of the Active Substance**

Great Britain

November 2020

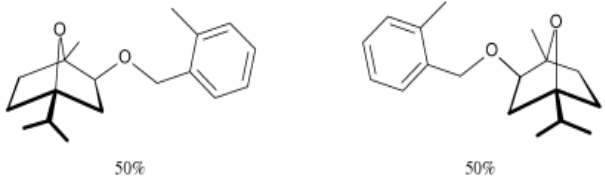
**Version History**

<b>When</b>	<b>What</b>
November 2020	Initial DAR

## Table of contents

<b>B.1. IDENTITY .....</b>	<b>4</b>
<b>B.1.1. IDENTITY OF THE ACTIVE SUBSTANCE .....</b>	<b>4</b>
B.1.1.1. Common name proposed or ISO-accepted and synonyms .....	4
B.1.1.2. Chemical name (IUPAC and CA nomenclature) .....	4
B.1.1.3. Producer's development code number .....	4
B.1.1.4. CAS, EEC and CIPAC numbers .....	4
B.1.1.5. Molecular and structural formula, molecular mass .....	4
B.1.1.6. Method of manufacture (synthesis pathway) of the active substance .....	5
B.1.1.7. Specification of purity of the active substance in g/kg .....	5
B.1.1.8. Identity and content of additives (such as stabilisers) and impurities .....	5
B.1.1.9. Analytical profile of batches .....	5
<b>B.1.2. REFERENCES RELIED ON .....</b>	<b>5</b>

**B.1. IDENTITY****B.1.1. IDENTITY OF THE ACTIVE SUBSTANCE**

<b>B.1.1.1. Common name proposed or ISO-accepted and synonyms</b>	Cinmethylin synonyms = Luximo, Teqimo, Consuris
<b>B.1.1.2. Chemical name (IUPAC and CA nomenclature)</b>	
IUPAC	<i>rac</i> -(1 <i>R</i> ,2 <i>S</i> ,4 <i>S</i> )-1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
CA	<i>rel</i> -(1 <i>R</i> ,2 <i>S</i> ,4 <i>S</i> )-1-methyl-4-(1-methylethyl)-2-[(2-methylphenyl)methoxy]-7-oxabicyclo[2.2.1]heptane
<b>B.1.1.3. Producer's development code number</b>	BAS 684 H Reg.No. 900202 SES2558 CL 180828 (SD95481) (WL95481) (IN-YA168) (IN-42326) (N.B. 5103-156)
<b>B.1.1.4. CAS, EEC and CIPAC numbers</b>	
CAS	87818-31-3 (second CAS found in the literature: 89368-00-3)
EEC	Not yet assigned
CIPAC	Not yet listed
<b>B.1.1.5. Molecular and structural formula, molecular mass</b>	
Molecular formula	C <sub>18</sub> H <sub>26</sub> O <sub>2</sub>
Structural formula	
Molecular mass	274,40 g/mol

<b>B.1.1.6. Method of manufacture (synthesis pathway) of the active substance</b>	Refer to Volume 4 Confidential Information
<b>B.1.1.7. Specification of purity of the active substance in g/kg</b>	910 g/kg ( <i>pilot</i> ) 940 g/kg ( <i>full scale</i> )
<b>B.1.1.8. Identity and content of additives (such as stabilisers) and impurities</b>	
<i>B.1.1.8.1. Additives</i>	Refer to Volume 4 Confidential Information
<i>B.1.1.8.2. Significant impurities</i>	Refer to Volume 4 Confidential Information
<i>B.1.1.8.3. Relevant impurities</i>	No relevant impurities
<b>B.1.1.9. Analytical profile of batches</b>	Refer to Volume 4 Confidential Information

**B.1.2. REFERENCES RELIED ON**

Refer to Volume 2, section A.1. Identity.