



# **Draft Assessment Report**

## **Evaluation of Active Substances**

Plant Protection Products

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

### **Pydiflumetofen**

### **Volume 3 – B.1 (AS)**

### **Identity of the active substance**

Great Britain

June 2023

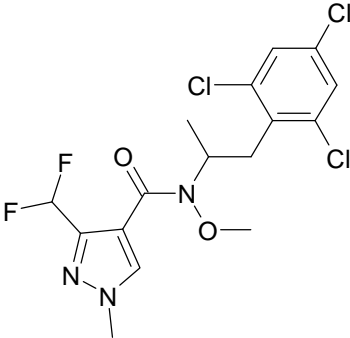
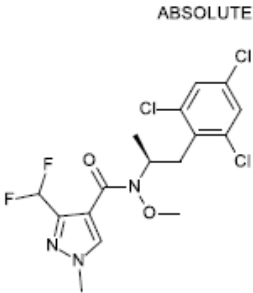
**Version History**

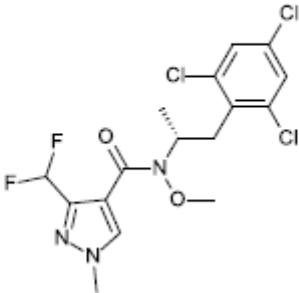
<b>When</b>	<b>What</b>
October 2022	Initial DAR
June 2023	Post Expert Committee on Pesticides (ECP) Independent Scientific Advice (ISA)

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**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>	Pydiflumetofen
<b>B.1.1.2. Chemical name (IUPAC and CA nomenclature)</b>	
IUPAC	3-(difluoromethyl)-N-methoxy-1-methyl-N-[(2E)-1-(2,4,6-trichlorophenyl)propan-2-yl]-1H-pyrazole-4-carboxamide
CA	3-(difluoromethyl)-N-methoxy-1-methyl-N-[1-methyl-2-(2,4,6-trichlorophenyl)ethyl]-1H-pyrazole-4-carboxamide
<b>B.1.1.3. Producer's development code number</b>	SYN545974
<b>B.1.1.4. CAS, EEC and CIPAC numbers</b>	
CAS	1228284-64-7
EEC	Not available
CIPAC	999
<b>B.1.1.5. Molecular and structural formula, molecular mass</b>	
Molecular formula	C <sub>16</sub> H <sub>16</sub> Cl <sub>3</sub> F <sub>2</sub> N <sub>3</sub> O <sub>2</sub>
Structural formula	 <p>Pydiflumetofen consists of two enantiomers as a racemate (50:50)</p> <p>SYN546968: (S)-3-Difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid methoxy-[1-methyl-2-(2,4,6-trichloro-phenyl)-ethyl]-amide</p>  <p>SYN546969: (R)-3-Difluoromethyl-1-methyl-1H-pyrazole-4-carboxylic acid methoxy-[1-methyl-2-(2,4,6-trichloro-phenyl)-ethyl]-amide</p>

	<p style="text-align: center;">ABSOLUTE</p> 
Molecular mass	426.7 g mol <sup>-1</sup>
<b>B.1.1.6. Method of manufacture (synthesis pathway) of the active substance</b>	CONFIDENTIAL information – Refer to Volume 4 Confidential Information
<b>B.1.1.7. Specification of purity of the active substance in g/kg</b>	CONFIDENTIAL information – Refer to Volume 4 Confidential Information
<b>B.1.1.8. Identity and content of additives (such as stabilisers) and impurities</b>	
<i>B.1.1.8.1. Additives</i>	CONFIDENTIAL information – Refer to Volume 4 Confidential Information
<i>B.1.1.8.2. Significant impurities</i>	CONFIDENTIAL information – Refer to Volume 4 Confidential Information
<i>B.1.1.8.3. Relevant impurities</i>	There are no relevant impurities in SYN545974 technical material.
<b>B.1.1.9. Analytical profile of batches</b>	CONFIDENTIAL information – Refer to Volume 4 Confidential Information

**B.1.2. REFERENCES RELIED ON**

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA1 1.11		04/05/2015	SYN545974 - Analysis of Five Representative Batches Produced at Syngenta, Switzerland Report No. CHMU150191 Document No. VV-412521 , SYN545974_10185 Test Facility Syngenta Crop Protection GLP Unpublished This is CONFIDENTIAL INFORMATION	N	Y	The study is necessary for this regulatory decision and is eligible for data protection	SYN	N

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KCA1 1.11	██████	07/05/2015	SYN545974 - Analysis of Five Representative Batches Produced at Syngenta, Switzerland Report No. CHMU150224 Document No. VV-412522 , SYN545974_10186 Test Facility Syngenta Crop Protection GLP Unpublished This is CONFIDENTIAL INFORMATION	N	Y	The study is necessary for this regulatory decision and is eligible for data protection	SYN	N
KCA1 1.11	██████	03/08/2015	SYN545974 - Analysis of Five Representative Batches Produced at Syngenta Nantong, China Report No. CHMU150598 Document No. VV-413108 , SYN545974_10241 Test Facility Syngenta Crop Protection GLP Unpublished This is CONFIDENTIAL INFORMATION	N	Y	The study is necessary for this regulatory decision and is eligible for data protection	SYN	N

Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA1 1.11		11/08/2014	SYN545974 – Chemical Characterization of Batch SMU4FL762 Report No. CHMU140328 Document No. VV-413389 , SYN545974_10243 Test Facility Syngenta Crop Protection GLP Unpublished This is CONFIDENTIAL INFORMATION	N	Y	The study is necessary for this regulatory decision and is eligible for data protection	SYN	N



Data Point	Author(s)	Year	Title Company Report No. Source (where different from company) GLP or GEP status Published or not	Vertebrate study Y/N	Data protection claimed Y/N	Justification if data protection is claimed	Owner	Previous evaluation
KCA1 1.11		04/07/ 2012	SYN545974 - Analysis of a tox- reserve Report No. 124700 Document No. VV-402612 , SYN545974_10021 Test Facility Syngenta Crop Protection GLP Unpublished This is CONFIDENTIAL INFORMATION	N	Y	The study is necessary for this regulatory decision and is eligible for data protection	SYN	N