

## Evaluation Report for Category B, Subcategory 4.6 Application

**Application Number:** 2023-2065  
**Application:** Fulfill requirements of registration  
**Applicant:** Syngenta Canada Inc.  
**Product:** Mandipropamid Technical Fungicide  
**Registration Number:** 29073  
**Active ingredient (a.i.):** Mandipropamid  
**PMRA Document Number:** 3590332

### Purpose of Application

The purpose of this application was to fulfill the post-market requirement for batch data for Mandipropamid Technical Fungicide, as outlined in the Section 12 Notice issued under application number 2022-5510.

### Chemistry Assessment

**Common Name:** Mandipropamid  
**IUPAC\* Chemical Name:** (2*RS*)-2-(4-chlorophenyl)-*N*-{2-[3-methoxy-4-(prop-2-ynyloxy)phenyl]ethyl}-2-(prop-2-ynyloxy)acetamide  
**CAS† Chemical Name:** 4-chloro-*N*-[2-[3-methoxy-4-(2-propyn-1-yloxy)phenyl]ethyl]- $\alpha$ -(2-propyn-1-yloxy)benzeneacetamide

\* International Union of Pure and Applied Chemistry

† Chemical Abstracts Service

Mandipropamid Technical Fungicide has the following properties:

Property	Result
Colour and physical state	Light beige powder
Nominal concentration	96 %
Odour	Odourless
Density	1.24 g/cm <sup>3</sup>
Vapour pressure	< 9.4 x 10 <sup>-7</sup> Pa
pH	6 - 8 (1% solution)
Solubility in water	4.2 mg/L

Property	Result
n-Octanol/water partition coefficient	$\log K_{ow} = 3.2$ (pH 7.5 - 7.7)

The required chemistry data for Mandipropamid Technical Fungicide have been provided, reviewed, and found to be acceptable.

### **Health, Environmental and Value Assessments**

Health, environmental and value assessments were not required for this application.

### **Conclusion**

The Pest Management Regulatory Agency has completed an assessment of the information provided, and has found the information acceptable to fulfill the post-market requirement for Mandipropamid Technical Fungicide.

## References

<b>PMRA Document Number</b>	<b>Reference</b>
3465824	2023, NOA446510 - Manufacturing Process Description and Supporting Data, DACO: 2.13.4 CBI
3588228	2021, Certificate of Analysis – [CBI Removed], DACO: 2.13.2 CBI

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