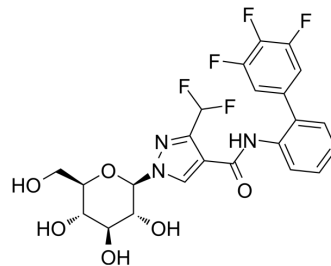


M700F048

Cat. No.:	HY-111741		
CAS No.:	2056235-51-7		
Molecular Formula:	C ₂₃ H ₂₀ F ₅ N ₃ O ₆		
Molecular Weight:	529.41		
Target:	Fungal		
Pathway:	Anti-infection		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (188.89 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	1.8889 mL	9.4445 mL	18.8890 mL
	5 mM	0.3778 mL	1.8889 mL	3.7778 mL
	10 mM	0.1889 mL	0.9444 mL	1.8889 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

M700F048 is a major plant metabolite of fungicide Fluxapyroxad^[1].

In Vitro

M700F048 shows similar toxicity as the parent Fluxapyroxad^[1].
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Brancato A, et al. Modification of the existing maximum residue levels for fluxapyroxad in various crops. EFSA J. 2017 Sep 12;15(9):e04975.

[2]. Hyun H Noh, et al. Dissipation, persistence, and risk assessment of fluxapyroxad and penthiopyrad residues in perilla leaf (*Perilla frutescens* var. *japonica* Hara). PLoS One. 2019 Apr 9;14(4):e0212209.

Caution: Product has not been fully validated for medical applications. For research use only.

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