
Product Data Sheet

Product Name: M700F048

Cat. No.: GC70329

Chemical Properties

Cas. No. 2056235-51-7

Formula $C_{23}H_{20}F_5N_3O_6$

M.Wt 529.41

Solubility DMSO : 100 mg/mL (188.89 mM; Need ultrasonic;
Hygroscopic DMSO has a significant impact on the solubility of product, please use newly opened DMSO) Storage -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

M700F048 is a major plant metabolite of fungicide Fluxapyroxad.

M700F048 shows similar toxicity as the parent Fluxapyroxad^[1].

<p >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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