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**Product Data Sheet**

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Product Name: Fluopyram

Cat. No.: GC34587

**Chemical Properties**

Cas. No. 658066-35-4

SMILES FC(F)(F)C1=CC(Cl)=C(CCNC(C2=C(C(F)(F)F)C=CC=C2)=O)N=C1Formula  $C_{16}H_{11}ClF_6N_2O$ 

M.Wt 396.71

Solubility DMSO : 125 mg/mL (315.09 mM); Water : &lt; 0.1 mg/mL (insoluble)

Storage 4°C, away from moisture and light

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**

Fluopyram is a succinate dehydrogenase inhibitor fungicide, inhibits the growth of *F. virguliforme* isolates with mean EC50 of 3.35 µg/mL[1]. Succinate dehydrogenase, Fungal[1]

[1]. Wang J, et al. Baseline Sensitivity of *Fusarium virguliforme* to Fluopyram Fungicide. *Plant Dis.* 2017 Apr;101(4):576-582.

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

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