
Product Data Sheet

Product Name: Epsilon-momfluorothrin

Cat. No.: GC34903

Chemical Properties

Cas. No. 1065124-65-3

SMILES O=C([C@H]1C(C)(C)[C@@H]1/C=C(C#N)/C)OCC2=C(F)C(F)=C(COC)C(F)=C2FFormula $C_{19}H_{19}F_4NO_3$ M.Wt 385.35

Solubility DMSO : 5 mg/mL (12.98 mM) Storage Store at -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**

Epsilon-momfluorothrin is a type I synthetic pyrethroid insecticide, activates constitutive androstane receptor (CAR), and induces hepatocellular tumors in rats[1]. Constitutive androstane receptor[1]

[1]. Okuda Y, et al. Editor's Highlight: Mode of Action Analysis for Rat Hepatocellular Tumors Produced by the Synthetic Pyrethroid Momfluorothrin: Evidence for Activation of the Constitutive Androstane Receptor and Mitogenicity in Rat Hepatocytes. Toxicol Sci. 2017 Aug 1;158(2):412-430.

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

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