

Product Data Sheet

Product Name: Picoxystrobin

Cat. No.: GC62158

Chemical Properties

Cas. No. 117428-22-5

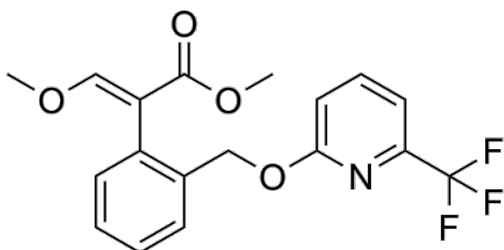
Formula $C_{18}H_{16}F_3NO_4$ M.Wt 367.32

Solubility DMSO : 100 mg/mL (272.24 mM; Need ultrasonic) 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

Picoxystrobin is a primary strobilurin fungicide that is widely applied for plant disease control.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

Picoxystrobin inhibits mitochondrial respiration via blocking electron transfer at the Qo center of cytochrome b and c1[1].

[1]. Wei Jia, et al. Effects of two strobilurins (azoxystrobin and picoxystrobin) on embryonic development and enzyme activities in juveniles and adult fish livers of zebrafish (*Danio rerio*). *Chemosphere*. 2018 Sep;207:573-580.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA