
Product Data Sheet

Product Name: Tiadinil
Cat. No.: GC37787

Chemical Properties

Cas. No. 223580-51-6

SMILES O=C(C1=C(C)N=NS1)NC2=CC=C(C)C(Cl)=C2

Formula C11H10ClN3OS M.Wt 267.73

Solubility DMSO : 125 mg/mL (466.89 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

Tiadinil is a plant activator of systemic acquired resistance, boosts the production of herbivore-induced plant volatiles; fungicide.

[1]. Maeda T, et al. Tiadinil, a plant activator of systemic acquired resistance, boosts the production of herbivore-induced plant volatiles that attract the predatory mite *Neoseiulus womersleyi* in the tea plant *Camellia sinensis*. *Exp Appl Acarol.* 2012 Nov;58(3):247-58. [2]. Chen X, et al. Determination of tiadinil and its metabolite in flue-cured tobacco. *J Chromatogr Sci.* 2014 Aug;52(7):624-8.

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