

Product Data Sheet

Product Name: Tolfenpyrad

Cat. No.: GC37811

Chemical Properties

Cas. No. 129558-76-5

SMILES O=C(C1=C(Cl)C(CC)=NN1C)NCC2=CC=C(OC3=CC=C(C)C=C3)C=C2

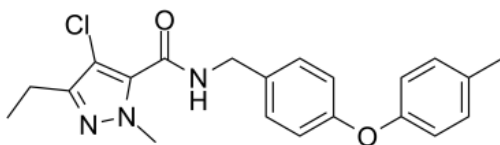
Formula C21H22ClN3O2 M.Wt 383.87

Solubility DMSO: ≥ 56 mg/mL (145.88 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

Tolfenpyrad is a pesticide that was first approved in 2002 in Japan.

[1]. Yamaguchi K, et al. Analysis of tolfenpyrad and its metabolites in plasma in a tolfenpyrad poisoning case. J Anal Toxicol. 2012 Sep;36(7):529-37. [2]. Hikiji W, et al. Acute fatal poisoning with Tolfenpyrad. J Forensic Leg Med. 2013 Nov;20(8):962-4.

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

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