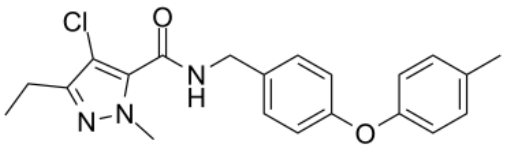
Product Data Sheet

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	$C_{21}H_{22}ClN_3O_2$	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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