
Product Data Sheet

Product Name: Diflufenican

Cat. No.: GC39758

Chemical Properties

Cas. No. 83164-33-4

SMILES FC1=CC=C(C(F)=C1)NC(C2=C(N=CC=C2)OC3=CC(C(F)(F)F)=CC=C3)=O

Formula C19H11F5N2O2 M.Wt 394.29

Solubility DMSO : 66.67 mg/mL (169.09 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

Diflufenican is a contact, selective herbicide used to specifically control some broad leaved weeds[1].

[1]. P Kosubová ,et al. Spatial and Temporal Distribution of the Currently-Used and Recently-Banned Pesticides in Arable Soils of the Czech Republic. Chemosphere. 2020 Sep;254:126902.

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

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