

Product Data Sheet

Product Name: Clomazone

Cat. No.: GC39682

Chemical Properties

Cas. No. 81777-89-1

SMILES O=C1N(CC2=CC=CC=C2Cl)OCC1(C)C

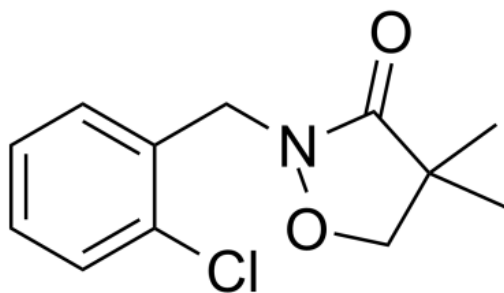
Formula $C_{12}H_{14}ClNO_2$ M.Wt 239.7

Solubility DMF: 33 mg/ml, DMSO: 16 mg/ml, Ethanol: 33 mg/ml, PBS (pH 7.2): 1 mg/ml
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 sizes: ship with RT, or blue ice upon request.

Structure



Background

Clomazone is a broad spectrum herbicide used for control of annual grasses and broadleaf weeds in cotton, peas, pumpkins, soybeans, sweet potatoes, and tobacco[1].

[1]. Ewa Szpyrka, et al. Influence of a Commercial Biological Fungicide Containing *Trichoderma harzianum* Rifai T-22 on Dissipation Kinetics and Degradation of Five Herbicides in Two Types of

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

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Soil. Molecules. 2020 Mar 18;25(6):1391.

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