
Product Data Sheet

Product Name: Chlorimuron-ethyl

Cat. No.: GC39794

Chemical Properties

Cas. No. 90982-32-4

SMILES O=C(OCC)C1=CC=CC=C1S(=O)(NC(NC2=NC(OC)=CC(Cl)=N2)=O)=OFormula C15H15ClN4O6S M.Wt 414.82

Solubility DMSO : 250 mg/mL (602.67 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**

Chlorimuron-ethyl induces oxidative stress. Chlorimuron-ethyl is an important herbicide that has been widely used in soybean production[1].

[1]. Meie Wang, et al. Effects of Herbicide Chlorimuron-Ethyl on Physiological Mechanisms in Wheat (*Triticum Aestivum*). *Ecotoxicol Environ Saf.* 2006 Jun;64(2):190-7.

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

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