

Flucetosulfuron Standard (mixture of isomers)

Product Information

Outline

This product is a standard for pesticide residue analysis, it is for research use only. Do not administer it to human.

Catalog Number

CSPE0291

Size 100mg

Use for

for Pesticide Residue Analysis

CAS

412928-75-7

Molecular Formula

C₁₈H₂₂FN₅O₈S

Molecular Weight

487.46

Density

1.417±0.06 g/cm³(Predicted)

Purity

98.0+% (HPLC)(mixture of isomers)

Compound

Flucetosulfuron

Pka

Dissociation constant (pKa at 20 °C) 3.5

Water Solubility

Flucetosulfuron Standard (mixture of isomers)

Solubility in water (g/l at 25 °C) 0.114 (pH 7)

Melting Point:

178–182°C

Solubility

Solubility in organic solvents (g/l at 20 °C)

Acetone 22.9

Ethyl acetate 11.7

Dichloromethane 113.0

Dimethylformamide 265.0

Dimethylsulfoxide 211.7

n-Hexane 0.006

Methanol 3.8
