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## Typical Product Specifications & Properties

# Prosulfuron

CAS Number: : 94125-34-5

Specifications	Limits
Molecular weight	419.38
SMILES	<chem>Cc1nc(nc(n1)OC)NC(=O)NS(=O)(=O)c2ccccc2CCC(F)(F)F</chem>
InChI	LTUNNEGNEKBSEH-UHFFFAOYSA-N
InChIKey	1S/C15H16F3N5O4S/c1-9-19-12(22-14(20-9)27-2)21-13(24)23-28(25,26)11-6-4-3-5-10(11)7-8-15(16,17)18/h3-6H,7-8H2,1-2H3,(H2,19,20,21,22,23,24)
Storage Temperature	0-6&deg;C
Melting Point	155&deg; (dec)
Water solubility	29 mg/L
pKa Dissociation Constant	3.76
Melting Point	155 dec &deg; C
Atmospheric OH Rate Constant	3.49E-12 cm <sup>3</sup> /molecule-sec

