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Typical Product Specifications & Properties

2-Naphthaleneacetic Acid

CAS Number: : 581-96-4

Specifications	Limits
Molecular weight	186.21
EINECS	209-475-0
SMILES	<chem>c12c(ccc(c1)CC(O)=O)cccc2</chem>
InChI	1S/C12H10O2/c13-12(14)8-9-5-6-10-3-1-2-4-11(10)7-9/h1-7H,8H2,(H,13,14)
InChIKey	VIBOGIYPPWLDTI-UHFFFAOYSA-N
log P (octanol-water)	2.81
pKa Dissociation Constant	4.25
Henry's Law Constant	4.32E-09 atm-m ³ /mole
Atmospheric OH Rate Constant	3.70E-11 cm ³ /molecule-sec
Melting Point	142 ° C
Water solubility	508 mg/L
Vapor Pressure	1.59E-05 mm Hg



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Specifications	Limits
Water solubility	insoluble
Melting Point	141-143 °C
BRN Number	973396
Solubility	acetone: 50 mg/mL, clear



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