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## Typical Product Specifications & Properties

# 3-Nitrostyrene

CAS Number: : 586-39-0

Specifications	Limits
Molecular weight	149.15
EINECS	209-575-4
SMILES	<chem>[N+](c1cc(C=C)ccc1)([O-])=O</chem>
InChI	1S/C8H7NO2/c1-2-7-4-3-5-8(6-7)9(10)11/h2-6H,1H2
InChIKey	SYZVQXIUVGKCBJ-UHFFFAOYSA-N
log P (octanol-water)	2.710
Melting Point	-1.00E+01 &deg; C
Atmospheric OH Rate Constant	2.65E-11 cm <sup>3</sup> /molecule-sec
Density	1.07 g/mL at 25 &deg;C
Form	Powder or Needles
Refractive Index	1.584
Boiling Point	81-83&deg;C 1mm



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Specifications	Limits
Melting Point	-5 &deg;C
Storage Temperature	0-6&deg;C
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Flash Point	225 &deg;F
Color	White to off-white
BRN Number	2042423



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