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## Typical Product Specifications & Properties

# 4-Dodecylaniline

CAS Number: : 104-42-7

Specifications	Limits
Molecular weight	261.45
SMILES	<chem>c1(ccc(N)cc1)CCCCCCCCCCCC</chem>
InChI	1S/C18H31N/c1-2-3-4-5-6-7-8-9-10-11-12-17-13-15-18(19)16-14-17/h13-16H,2-12,19H2,1H3
InChIKey	KLPPPIIIEMUEGP-UHFFFAOYSA-N
Atmospheric OH Rate Constant	1.46E-10 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	4.74E-05 atm-m <sup>3</sup> /mole
Water solubility	600 mg/L
Melting Point	40.5 °C
Vapor Pressure	6.27E-06 mm Hg
log P (octanol-water)	7.030



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